From: Holland, Meegan (GOV)
Sent: Friday, December 18, 2015 4:52 PM
To: Murray, David (GOV)
Subject: RE: Query on deadline from the Rachel Maddow Show

Be forewarned … I sense you're dealing with another intern….

From: Murray, David (GOV)
Sent: Friday, December 18, 2015 4:42 PM
To: Holland, Meegan (GOV) <HollandM2@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>
Subject: FW: Query on deadline from the Rachel Maddow Show

Seems odd that this many questions comes in at 4:40…

I'll respond.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Friday, December 18, 2015 4:40 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Query on deadline from the Rachel Maddow Show

Hi, Ms. Wurfel and Mr. Murray,

I'm writing from the Rachel Maddow Show, on MSNBC. We are working on a story about the water situation in Flint for tonight, and we have a few questions.

-When did the governor's office become aware of reports that lead levels were rising in Flint water?

-When did the governor's become aware of the EPA interim report showing high levels of lead in Flint and inadequacies with the city's testing?

-When did the governor's office become aware of the testing in which two samples were ruled out and the result was that Flint water met EPA guidelines, as reported by Michigan Radio?

-Does the governor take responsibility for any part of what has happened in Flint? If so, what part or parts?

-What are the governor's next steps in addressing the crisis?

Thank you for fielding these.

Laura Conaway
The Rachel Maddow Show
212 664 1286

From: Murray, David (GOV)
Sent: Friday, December 18, 2015 4:53 PM
To: Holland, Meegan (GOV)
Subject: RE: Query on deadline from the Rachel Maddow Show

I was thinking about sending this, which is pretty much what I sent to NPR:

Hello Laura,

I'm happy to help.

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Gov. Snyder in October created an action plan that focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Departments of Environmental Quality and Health and Human Services, the U.S. Environmental Protection Agency, and the city of Flint.

The plan builds upon ongoing work with local, state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents have accurate information and know that help is available to address potential problems. You can find a link to a release about the action plan here: http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-366315--,00.html

The state also has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

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There is a website with a considerable amount of information about testing results here: www.michigan.gov/flintwater

I **strongly recommend** that you look at the most recent release from our Department of Health and Human Services, which focuses on the most recent testing data: http://www.michigan.gov/mdhhs/0,5885,7-339-73970_71692-371199--,00.html

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Bridge Magazine has done some in-depth work on this issue.

http://bridgemi.com/2015/12/far-from-flint-lead-remains-an-irreversible-scourge/

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There is a website with a considerable amount of information about the state's efforts to work with Flint's leaders and city residents here: www.michigan.gov/flintwater

I **strongly recommend** that you look at the most recent release from our Department of Health and Human Services, which focuses on the most recent testing data: http://www.michigan.gov/mdhhs/0,5885,7-339-73970_71692-371199--,00.html

For your background, the action plan includes:

* Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
* Offering free water testing to Flint residents to assure their drinking water is safe.

* Providing free water filters to residents.
* Expanding health exposure testing of individual homes.
* Accelerating corrosion controls in the Flint drinking water system.
* Accelerating water system improvements to address replacing lead service lines.
* Expediting the completion of the Karegnondi Water Authority pipeline.
* Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
* Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
* Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

One thing we learned through this process is that there are no state or federal regulations requiring schools that are not on wells to test their water. The state has urged all districts conduct testing, and districts have been working with the Michigan Department of Environmental Quality.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Friday, December 18, 2015 6:08 PM
To: Kyle Melinn - MIRS
Subject: Fwd: legislative black caucus

Kyle,

Here's a statement. Ron Leix at MSP is the expert on all things procedural on disaster declarations and can be of assistance.

Sent from my iPhone

Begin forwarded message:

> Flint residents need to have access to safe, clean water. Gov. Snyder and the administration have been working closely with Mayor Weaver to focus on health issues affecting children and other city residents, and address water infrastructure challenges.

The state has given more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

The administration also has in place an action plan that includes increased testing, free filters and other steps to help residents. The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities.

Anna Heaton

Deputy Press Secretary |Gov. Rick Snyder

o: 517-241-6049|c: [redacted]

@Republicanna

From: Murray, David (GOV)
Sent: Saturday, December 19, 2015 8:39 PM
To: Stoken, Laura (GOV)
Subject: RE: Flint water - Did you see this?

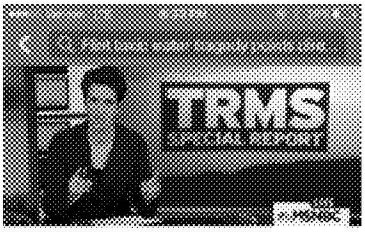
Yes. Based on spcial media, I suspect certain groups are being advised to spread it around. We can talk about this on Monday.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]mobile
Twitter:@michigandmurray

From: Stoken, Laura (GOV)
Sent: Saturday, December 19, 2015 8:37 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Flint water - Did you see this?

http://www.msnbc.com/rachel-maddow/watch/toxic-water-tragedy-points-directly-to-snyder-588635715518

Sent from my iPhone



Flint toxic water tragedy points directly to Michigan Gov. Snyder

10,425

Rachel Maddow reports on the poisoning of Flint, Michigan residents when their water supply was switched, and shows culpability for the tragedy falls to Governor Rick Snyder and his political, anti-democratic policies.

Michelle Hanley Whitney shared a link.

Like · Comment · Share

Fred Sprague

From: Murray, David (GOV)
Sent: Sunday, December 20, 2015 12:37 PM
To: Paciorek, Josh (GOV); Holland, Meegan (GOV)
Subject: Michael Moore tweet

I suspect this Tweet will generate some coverage.

Michael Moore @MMFlint

Gov. Snyder should be recalled, arrested & imprisoned for poisoning the ppl left behind in Flint. msnbc.com/rachel-maddow/... #ArrestGovSnyder

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]mobile
Twitter:@michigandmurray

From: Biehl, Laura (GOV)
Sent: Monday, December 21, 2015 8:46 AM
To: Murray, David (GOV); Heaton, Anna (GOV)
Subject: RE: Media contracts for the week

I actually already started a spreadsheet. I'll show you later today.

From: Murray, David (GOV)
Sent: Sunday, December 20, 2015 10:55 PM
To: Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>
Subject: Media contracts for the week

Media contacts for the last week. This doesn't include all the year-end interviews. I'll create a document in the share drive that we can add to.

Monday, Dec. 14
Steve Carmody, Michigan Radio X2, pipeline, Flint mayor
Jeremy Allen, Ann Arbor News, Chad Tough proclamation
Mickey Hirten, City Pulse, refugees
Todd Spangler, Detroit Free Press, Council of Governors

Tuesday, Dec. 15
Yanan Wang, Washington Post, Flint water
Richard Burr, Detroit News, data center
Zach Gorchow, Gongwer, data center
Lauren Gibbons, MIRS, Senate resolution
Arthur Delaney, Huffington Post, Flint water
Andy Dominianni, WWMT, interview
Kaci Lindhorst, CBS News, Flint water
Corey Williams, AP, graduation rates
Amy Hybels, NBC 25, GM agreement
Ingrid Jacques, Detroit News, DPS
Maria Koklanaris, State Tax Today, State Tax Notes, GM agreement
Marie Gould, WXYZ, Auto Show
John Counts, Ann Arbor News, judicial appointment
Dominic Adams, MLive, GM agreement
Ron Fonger, MLive, Flint water
Mickey Hirten, City Pulse, refugees
Carol Cain, Free Press, refugees
Steve Carmody, Michigan Radio, Flint water

Wednesday, Dec. 16
Matt Dolan, Free Press, data centers
Lindsay VanHulle, Crain's, data centers
Ian Thibdoeau, Ann Arbor News, refugees
Yanan Wang, Washington Post, Flint water
Steve Carmody, Michigan Radio, Flint water
Sarah Cwiek, Michigan Radio, retired teacher legislation

Dave Eggert, AP, data center
Michael Martin, Fox 17, data center
Jim Harger, Grand Rapids Press, data center
Amy Fox, WZZM, data center
Carole Cain, Free Press, New Year's resolution
Nora Macaluso, Bloomberg, data center
Joe Netto, CNN, Flint water
Annette Christie, Tri-City Record, Good Samaritan Act

Thursday, Dec. 17
Rick Pluta, Michigan Radio, Detroit schools
Matt Dolan, Free Press, economic development
Amy Hybels, NBC 25, legislation
Ryan Hermes, Michigan Radio Network, interview
Kyle Melinn, MIRS, interview
Richard Burr, Detroit News, hardest-hit fund
James Gemmel, WJRW, Steelcase pyramid
Jonathan Oosting, MLive, Healthy Michigan
Kathy Gray, Detroit Free Press, Healthy Michigan
Ron Fonger, MLive, Flint water correction
Steve Carmody, Michigan Radio, Flint Water Task Force
Karen Buffard, Detroit News, Healthy Michigan
Jeffrey Moser, Michigan Radio Network, interview
Jennifer Schmidt, NPR, Flint water
Nora Macaluso, Bloomberg, Healthy Michigan
Arthur Delaney, Huffington Post, Flint Water

Friday, Dec. 18
Paul Egan, Free Press, coffee
Laura Conaway, Rachel Maddow Show, Flint water
Rick Pluta, Michigan Radio
Kathy Gray, Free Press, legislation
Gary Heinleim, Detroit News, legislation
Aliethia Kasben, Gongwer, Black Caucus
Zach Gorchow, interview requests
Matt Jachman, Observer News, legislation
John Smith, Ferris University communications, legislation

Saturday, Dec. 19
Event covered by Battle Creek Enquirer Safiya Merchant and Channel 3

Sunday, Dec. 20
Gunjan Banjeri, Debtwire, Detroit schools

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Monday, December 21, 2015 12:16 PM
To: Eisner, Jennifer (DHHS); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS)
Subject: FW: Response to Marc Edwards' post on DHHS and Flint water?

Hi DHHS team,

Can we speak about this?

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Rebecca Williams [mailto:[redacted]]
Sent: Monday, December 21, 2015 12:14 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Response to Marc Edwards' post on DHHS and Flint water?

Hi Dave,

Would the Governor's office like to do a taped interview or comment on this post from Dr. Marc Edwards on the results of his FOIA to DHHS re: when the agency knew about elevated blood lead levels in kids in Flint?

http://flintwaterstudy.org/2015/12/michigan-health-department-hid-evidence-of-health-harm-due-to-lead-contaminated-water-allowed-false-public-assurances-by-mdeq-and-stonewalled-outside-researchers/

Our story deadline is 3pm today.

thanks,

Rebecca Williams
Senior Reporter
Michigan Radio
(734) 647-3497 desk
[redacted] cell

From: Eisner, Jennifer (DHHS)
Sent: Monday, December 21, 2015 12:18 PM
To: Murray, David (GOV)
Cc: Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS)
Subject: Re: Response to Marc Edwards' post on DHHS and Flint water?

Yes, I can give you a call..

Sent from my iPhone

On Dec 21, 2015, at 12:16 PM, "Murray, David (GOV)" <MurrayD1@michigan.gov> wrote:

> Hi DHHS team,
>
> Can we speak about this?
>
> **Dave Murray**
> Press Secretary | Executive Office of Governor Rick Snyder
> MurrayD1@michigan.gov
> 517-335-6397, office
> [redacted]mobile
> Twitter:@michigandmurray
>
> <image001.jpg>
>
> **From:** Rebecca Williams [mailto:[redacted]
> **Sent:** Monday, December 21, 2015 12:14 PM
> **To:** Murray, David (GOV) <MurrayD1@michigan.gov>
> **Subject:** Response to Marc Edwards' post on DHHS and Flint water?
>
> Hi Dave,
>
> Would the Governor's office like to do a taped interview or comment on this post from Dr. Marc Edwards on the results of his FOIA to DHHS re: when the agency knew about elevated blood lead levels in kids in Flint?
>
> http://flintwaterstudy.org/2015/12/michigan-health-department-hid-evidence-of-health-harm-due-to-lead-contaminated-water-allowed-false-public-assurances-by-mdeq-and-stonewalled-outside-researchers/
>
> Our story deadline is 3pm today.
>
> thanks,
>
> Rebecca Williams
> Senior Reporter
> Michigan Radio

(734) 647-3497 desk
[redacted] cell

From: Murray, David (GOV)
Sent: Monday, December 21, 2015 12:30 PM
To: 'Rebecca Williams'
Subject: RE: Response to Marc Edwards' post on DHHS and Flint water?

The Department of Health and Human Services Will have a reply for you before your deadline.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Rebecca Williams [mailto:[redacted]]
Sent: Monday, December 21, 2015 12:14 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Response to Marc Edwards' post on DHHS and Flint water?

Hi Dave,

Would the Governor's office like to do a taped interview or comment on this post from Dr. Marc Edwards on the results of his FOIA to DHHS re: when the agency knew about elevated blood lead levels in kids in Flint?

http://flintwaterstudy.org/2015/12/michigan-health-department-hid-evidence-of-health-harm-due-to-lead-contaminated-water-allowed-false-public-assurances-by-mdeq-and-stonewalled-outside-researchers/

Our story deadline is 3pm today.

thanks,

Rebecca Williams
Senior Reporter
Michigan Radio
(734) 647-3497 desk
[redacted] cell

From: Eisner, Jennifer (DHHS)
Sent: Monday, December 21, 2015 2:37 PM
To: Murray, David (GOV)
Subject: Edwards Report Response

Importance: High

Do you have an email for Rebecca Williams? Here's the statement for your review:

The Michigan Department of Health and Human Services has been, and continues to be, committed to full disclosure of information regarding the city of Flint and blood lead levels. To suggest otherwise is not consistent with how we have responded.

When initially looking at the citywide and county elevated blood lead level numbers, the increase appeared to be consistent with the routine seasonal fluctuation seen in the summer months. It wasn't until the Hurley report came out that our epidemiologists took a more in-depth look at the data by zip code, controlling for seasonal variation, and confirmed an increase outside of normal trends. As a result of this process, we have determined that the way we analyze data collected needs to be thoroughly reviewed. Our after action report will help determine how we conduct this process in the future.

Our department is focused on ensuring that appropriate case management and follow up is occurring in Flint. Summary reports outlining blood lead level testing are posted online on a bi-weekly basis, and we are working closely with local partners to fulfill data requests as we receive them.

Regarding the FOIA, Mr. Edwards received all of the requested documents, with personal information redacted, on Friday, December 18.

From: Murray, David (GOV)
Sent: Monday, December 21, 2015 2:40 PM
To: Holland, Meegan (GOV)
Subject: Fwd: Edwards Report Response

Sent from my iPhone

Begin forwarded message:

> **From:** "Eisner, Jennifer (DHHS)" <EisnerJ@michigan.gov>
> **Date:** December 21, 2015 at 2:37:00 PM EST
> **To:** "Murray, David (GOV)" <MurrayD1@michigan.gov>
> **Subject: Edwards Report Response**
>
> **Do you have an email for Rebecca Williams? Here's the statement for your review:**
>
> The Michigan Department of Health and Human Services has been, and continues to be, committed to full disclosure of information regarding the city of Flint and blood lead levels. To suggest otherwise is not consistent with how we have responded.
>
> When initially looking at the citywide and county elevated blood lead level numbers, the increase appeared to be consistent with the routine seasonal fluctuation seen in the summer months. It wasn't until the Hurley report came out that our epidemiologists took a more in-depth look at the data by zip code, controlling for seasonal variation, and confirmed an increase outside of normal trends. As a result of this process, we have determined that the way we analyze data collected needs to be thoroughly reviewed. Our after action report will help determine how we conduct this process in the future.
>
> Our department is focused on ensuring that appropriate case management and follow up is occurring in Flint. Summary reports outlining blood lead level testing are posted online on a bi-weekly basis, and we are working closely with local partners to fulfill data requests as we receive them.
>
> Regarding the FOIA, Mr. Edwards received all of the requested documents, with personal information redacted, on Friday, December 18.

From: Murray, David (GOV)
Sent: Monday, December 21, 2015 2:52 PM
To: Eisner, Jennifer (DHHS)
Subject: RE: Edwards Report Response

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]mobile
Twitter:@michigandmurray

From: Eisner, Jennifer (DHHS)
Sent: Monday, December 21, 2015 2:37 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Edwards Report Response
Importance: High

Do you have an email for Rebecca Williams? Here's the statement for your review:

The Michigan Department of Health and Human Services has consistently provided Flint residents with information regarding blood lead levels.

When initially looking at the citywide and county elevated blood lead level numbers, the increase appeared to be consistent with the routine seasonal fluctuation seen in the summer months. It wasn't until the Hurley report came out that our epidemiologists took a more in-depth look at the data by ZIP code, controlling for seasonal variation, and confirmed an increase outside of normal trends. As a result of this process, we have determined that the way we analyze data needs to be

thoroughly reviewed. Gov. Rick Snyder has created a Flint Water Task Force to review all city, state and federal responses and actions and is expected to make recommendations moving forward.

Our department is focused on following up with city residents who has tested with elevate levels. Summary reports outlining blood lead level testing are posted online on a bi-weekly basis, and we are working closely with local partners to fulfill data requests as we receive them.

Regarding the FOIA, Mr. Edwards received all of the requested documents, with personal information redacted, on Friday, December 18.

From: Murray, David (GOV)
Sent: Monday, December 21, 2015 2:53 PM
To: 'Rebecca Williams'
Subject: RE: Response to Marc Edwards' post on DHHS and Flint water?

Coming to you very soon. Please give us a couple minutes grace here.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Rebecca Williams [mailto:[redacted]]
Sent: Monday, December 21, 2015 12:56 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Response to Marc Edwards' post on DHHS and Flint water?

thanks!

Rebecca Williams
Senior Reporter
Michigan Radio
(734) 647-3497 desk
[redacted] cell

On Mon, Dec 21, 2015 at 12:30 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> The Department of Health and Human Services Will have a reply for you before your deadline.
>
> **Dave Murray**
>
> Press Secretary | Executive Office of Governor Rick Snyder
>
> MurrayD1@michigan.gov
>
> 517-335-6397, office
>
> [redacted] mobile
>
> Twitter:@michigandmurray

From: Rebecca Williams [mailto:[redacted]]
Sent: Monday, December 21, 2015 12:14 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Response to Marc Edwards' post on DHHS and Flint water?

Hi Dave,

Would the Governor's office like to do a taped interview or comment on this post from Dr. Marc Edwards on the results of his FOIA to DHHS re: when the agency knew about elevated blood lead levels in kids in Flint?

http://flintwaterstudy.org/2015/12/michigan-health-department-hid-evidence-of-health-harm-due-to-lead-contaminated-water-allowed-false-public-assurances-by-mdeq-and-stonewalled-outside-researchers/

Our story deadline is 3pm today.

thanks,

Rebecca Williams

Senior Reporter

Michigan Radio

(734) 647-3497 desk

[redacted] cell

From: Murray, David (GOV)
Sent: Monday, December 21, 2015 2:54 PM
To: Eisner, Jennifer (DHHS)
Subject: FW: Response to Marc Edwards' post on DHHS and Flint water?

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Rebecca Williams [mailto:[redacted]
Sent: Monday, December 21, 2015 2:54 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Response to Marc Edwards' post on DHHS and Flint water?

Will do, thanks!

Rebecca Williams
Senior Reporter
Michigan Radio
(734) 647-3497 desk
[redacted] cell

On Mon, Dec 21, 2015 at 2:52 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Coming to you very soon. Please give us a couple minutes grace here.
>
> **Dave Murray**
>
> Press Secretary | Executive Office of Governor Rick Snyder
>
> MurrayD1@michigan.gov
>
> 517-335-6397, office
>
> [redacted] mobile
>
> Twitter:@michigandmurray

From: Rebecca Williams [mailto:[redacted]
Sent: Monday, December 21, 2015 12:56 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Response to Marc Edwards' post on DHHS and Flint water?

thanks!

Rebecca Williams

Senior Reporter

Michigan Radio

(734) 647-3497 desk

[redacted] cell

On Mon, Dec 21, 2015 at 12:30 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> The Department of Health and Human Services Will have a reply for you before your deadline.
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> **Dave Murray**
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> Press Secretary | Executive Office of Governor Rick Snyder
>
> MurrayD1@michigan.gov
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> 517-335-6397, office
>
> [redacted] mobile
>
> Twitter:@michigandmurray

From: Rebecca Williams [mailto:[redacted]]
Sent: Monday, December 21, 2015 12:14 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Response to Marc Edwards' post on DHHS and Flint water?

Hi Dave,

Would the Governor's office like to do a taped interview or comment on this post from Dr. Marc Edwards on the results of his FOIA to DHHS re: when the agency knew about elevated blood lead levels in kids in Flint?

http://flintwaterstudy.org/2015/12/michigan-health-department-hid-evidence-of-health-harm-due-to-lead-contaminated-water-allowed-false-public-assurances-by-mdeq-and-stonewalled-outside-researchers/

Our story deadline is 3pm today.

thanks,

Rebecca Williams

Senior Reporter

Michigan Radio

(734) 647-3497 desk

[redacted] cell

From: Murray, David (GOV)
Sent: Monday, December 21, 2015 3:12 PM
To: 'Arthur Delaney'
Subject: RE: Flint point person

Coming soon.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Arthur Delaney [mailto:arthur@huffingtonpost.com]
Sent: Monday, December 21, 2015 3:03 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Flint point person

Dave, I am still waiting to hear from MDHHS about the latest from FlintWaterStory.org. The core allegation is that they had a very clear warning of elevated blood lead in a July 27 memo that the email correspondence says was sent to the agency director as well as the governor's office.

If the statement's coming soon, I can hold my story, but if it's not coming soon, I can add it after publishing.

On Mon, Dec 21, 2015 at 1:00 PM, Arthur Delaney <arthur@huffingtonpost.com> wrote:

> Dave, sorry for my slowness in acknowledging this email. I agree that that sentence would be unfair by itself. The next sentence says "local officials toasted the decision." I realize the city voted to switch to the KWA. My sense from local reporting is that the interim switch to the Flint River was not exactly a local call, even if the river had previously served as a backup. Like I said, I do not ever want to give readers the impression that the governor was SOLELY responsible for the water switch. I think those two sentences together are fair, though in the future I can try to include local and state entities in a single sentence.
>
> On Thu, Dec 17, 2015 at 10:44 AM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
>
> > Arthur, I was just sending you an email.

From your story:

The trouble started in 2014 when emergency managers appointed by Michigan Gov. Rick Snyder (R) decided to try saving money by switching Flint's water supply from the Detroit system to the Flint River.

Arthur, this is greatly inaccurate. The city and county governments have been working – for years – to create a new water authority so the Flint area would stop using water from Detroit. There was a 7-1 Flint City Council vote to make the switch to the new source in Lake Huron, which the emergency manager affirmed to support the local wishes.

The Flint River has always been a been the backup source. The original plan from the city was to use Detroit water or a mix of Detroit and Flint River water during construction of the new pipeline. There wasn't an arbitrary decision to "try saving money."

This column from the emergency manager at the time explains the decision behind the switch in great detail.

http://www.detroitnews.com/story/opinion/2015/10/26/opinion-flint-water-disaster/74657458/

Do you have the press release from the task force that includes the governor's response letter? I'll forward it to you.

Dave

Dave Murray

Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

[redacted] mobile

Twitter:@michigandmurray

From: Arthur Delaney [mailto:arthur@huffingtonpost.com]
Sent: Thursday, December 17, 2015 10:29 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Flint point person

Hi Dave, is Gov. Snyder going to appoint a "crisis responder" to oversee the Flint situation?

Am I missing something with Ananich's request for such? My sense is that he's trying to express dissatisfaction with the task force.

---------- Forwarded message ----------
From: **Angela Wittrock** <AWittrock@senate.michigan.gov>
Date: Thu, Dec 17, 2015 at 10:19 AM
Subject: FOR IMMEDIATE RELEASE: Senate Minority Leader Jim Ananich Wants More Urgency from Governor, Trained Emergency Coordinator on the Ground
To: Angela Wittrock <AWittrock@senate.michigan.gov>

FOR IMMEDIATE RELEASE — Contact: Angela Wittrock

December 17, 2015 — Phone: (517) 775-1430

Senate Minority Leader Jim Ananich Wants More Urgency from Governor, Trained Emergency Coordinator on the Ground

LANSING, Mich. — Senate Minority Leader Jim Ananich (D–Flint) responded to today's release of Flint Water Task Force correspondence. He reiterated specific actions that would help organize efforts with the Flint water crisis, including bringing in a trained emergency management professional to coordinate assistance within the City of Flint.

"Political appointees and public relations people are what got us into this mess, and they aren't who we need leading us out of it," Sen. Ananich said. "Anything less than a professional trained in emergency management or public health will not suffice."

Sen. Ananich requested a crisis responder from the Michigan State Police, the Federal Emergency Management Agency or the Department of Homeland Security.

"Dashboards and nice words won't cut it — our community needs action and answers. While I appreciate that the task force seems to recognize it needs to recommend changes before they release their final report, the administration still doesn't seem to comprehend how devastating this crisis is and that it's far from over," Sen. Ananich said.

In addition to calling for more urgency, Sen. Ananich has pushed for stronger legislative oversight and hearings, and additional resources for those families suffering from lead overexposure.

###

Angela Wittrock

Press Secretary

Senate Minority Leader Jim Ananich

…

Boji Tower, Second Floor | Lansing, MI 48909-7536

P: 517.373.1339

C: [redacted]

Please sign up for our e-news at: Senatedems.com/Ananich

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--

Reporter | Huffington Post

(202) 624-9396 desk | [redacted]

Twitter @ArthurDelaneyHP

--
Reporter | Huffington Post
(202) 624-9396 desk | [redacted]
Twitter @ArthurDelaneyHP

--
Reporter | Huffington Post
(202) 624-9396 desk | [redacted]
Twitter @ArthurDelaneyHP

From: Arthur Delaney <arthur@huffingtonpost.com>
Sent: Monday, December 21, 2015 3:21 PM
To: Murray, David (GOV)
Subject: Re: Flint point person

Got it -- thanks for your help and sorry for nagging.

On Mon, Dec 21, 2015 at 3:11 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

Coming soon.

Dave Murray

Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

[redacted] mobile

Twitter:@michigandmurray

From: Arthur Delaney [mailto:arthur@huffingtonpost.com]
Sent: Monday, December 21, 2015 3:03 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Flint point person

Dave, I am still waiting to hear from MDHHS about the latest from FlintWaterStory.org. The core allegation is that they had a very clear warning of elevated blood lead in a July 27 memo that the email correspondence says was sent to the agency director as well as the governor's office.

If the statement's coming soon, I can hold my story, but if it's not coming soon, I can add it after publishing.

On Mon, Dec 21, 2015 at 1:00 PM, Arthur Delaney <arthur@huffingtonpost.com> wrote:

> Dave, sorry for my slowness in acknowledging this email. I agree that that sentence would be unfair by itself. The next sentence says "local officials toasted the decision." I realize the city voted to switch to the KWA. My sense from local reporting is that the interim switch to the Flint River was not exactly a local call, even if the river had previously served as a backup. Like I said, I do not ever want to give readers the impression that the governor was SOLELY responsible for the water switch. I think those two sentences together are fair, though in the future I can try to include local and state entities in a single sentence.

On Thu, Dec 17, 2015 at 10:44 AM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Arthur, I was just sending you an email.
>
> From your story:
>
> ***The trouble started in 2014 when emergency managers appointed by Michigan Gov. Rick Snyder (R) decided to try saving money by switching Flint's water supply from the Detroit system to the Flint River.***
>
> Arthur, this is greatly inaccurate. The city and county governments have been working – for years – to create a new water authority so the Flint area would stop using water from Detroit. There was a 7-1 Flint City Council vote to make the switch to the new source in Lake Huron, which the emergency manager affirmed to support the local wishes.
>
> The Flint River has always been a been the backup source. The original plan from the city was to use Detroit water or a mix of Detroit and Flint River water during construction of the new pipeline. There wasn't an arbitrary decision to "try saving money."

This column from the emergency manager at the time explains the decision behind the switch in great detail.

http://www.detroitnews.com/story/opinion/2015/10/26/opinion-flint-water-disaster/74657458/

Do you have the press release from the task force that includes the governor's response letter? I'll forward it to you.

Dave

Dave Murray

Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

[redacted]mobile

Twitter:@michigandmurray

From: Arthur Delaney [mailto:arthur@huffingtonpost.com]
Sent: Thursday, December 17, 2015 10:29 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Flint point person

Hi Dave, is Gov. Snyder going to appoint a "crisis responder" to oversee the Flint situation?

Am I missing something with Ananich's request for such? My sense is that he's trying to express dissatisfaction with the task force.

---------- Forwarded message ----------
From: **Angela Wittrock** <AWittrock@senate.michigan.gov>
Date: Thu, Dec 17, 2015 at 10:19 AM
Subject: FOR IMMEDIATE RELEASE: Senate Minority Leader Jim Ananich Wants More Urgency from Governor, Trained Emergency Coordinator on the Ground
To: Angela Wittrock <AWittrock@senate.michigan.gov>

FOR IMMEDIATE RELEASE

Contact: Angela Wittrock

December 17, 2015

Phone: (517) 775-1430

Senate Minority Leader Jim Ananich Wants More Urgency from Governor, Trained Emergency Coordinator on the Ground

LANSING, Mich. — Senate Minority Leader Jim Ananich (D–Flint) responded to today's release of Flint Water Task Force correspondence. He reiterated specific actions that would help organize efforts with the Flint water crisis, including bringing in a trained emergency management professional to coordinate assistance within the City of Flint.

"Political appointees and public relations people are what got us into this mess, and they aren't who we need leading us out of it," Sen. Ananich said. "Anything less than a professional trained in emergency management or public health will not suffice."

Sen. Ananich requested a crisis responder from the Michigan State Police, the Federal Emergency Management Agency or the Department of Homeland Security.

"Dashboards and nice words won't cut it — our community needs action and answers. While I appreciate that the task force seems to recognize it needs to recommend changes before they release their final report, the administration still doesn't seem to comprehend how devastating this crisis is and that it's far from over," Sen. Ananich said.

In addition to calling for more urgency, Sen. Ananich has pushed for stronger legislative oversight and hearings, and additional resources for those families suffering from lead overexposure.

###

Angela Wittrock

Press Secretary

Senate Minority Leader Jim Ananich

…

Boji Tower, Second Floor | Lansing, MI 48909-7536

P: 517.373.1339

C: [redacted]

Please sign up for our e-news at: Senatedems.com/Ananich

Facebook: jimananich | Twitter: @jimananich

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Reporter | Huffington Post

(202) 624-9396 desk | [redacted] cell

Twitter @ArthurDelaneyHP

--

Reporter | Huffington Post

(202) 624-9396 desk | [redacted] cell

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(202) 624-9396 desk | [redacted] cell

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Reporter | Huffington Post
(202) 624-9396 desk | [redacted] cell
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From: Murray, David (GOV)
Sent: Monday, December 21, 2015 3:21 PM
To: Eisner, Jennifer (DHHS)
Subject: Link

http://michiganradio.org/post/reporter-s-notebook-some-state-officials-still-denial-or-misinformed-over-flint-river-decision#stream/0

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: McPhee, Karen (GOV)
Sent: Monday, December 21, 2015 3:53 PM
To: Murray, David (GOV)
Subject: RE: Tell me if I was overreacting to this:

You are not over-reacting. Her first sentence is insulting...personally and professionally. The fact that she goes on to further explain your former role and relationship is childish. Reading the whole account, I'd say she was looking for a way to get the rest of her documentary "aired," since a portion hit the cutting room floor in the original broadcast and she used your exchange as the vehicle to do so.

Very immature.

From: Murray, David (GOV)
Sent: Monday, December 21, 2015 3:25 PM
To: McPhee, Karen (GOV) <McPheeK1@michigan.gov>
Subject: Tell me if I was overreacting to this:

http://michiganradio.org/post/reporter-s-notebook-some-state-officials-still-denial-or-misinformed-over-flint-river-decision#stream/0

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
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From: Murray, David (GOV)
Sent: Monday, December 21, 2015 3:56 PM
To: McPhee, Karen (GOV)
Subject: RE: Tell me if I was overreacting to this:

Thanks, Karen. And always thank you for all your help. You know how much I value your assistance!

Dave Murray
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From: Eisner, Jennifer (DHHS)
Sent: Monday, December 21, 2015 3:56 PM
To: Murray, David (GOV)
Subject: FW: Look for a statement

FYI There was a follow up and I responded with:

There were seasonal increases during the third quarters of 2014 and 2015, but the extent of these increases were not apparent until zip code levels were analyzed. As a result of this process, we are thoroughly reviewing the way we analyze data. Our after action report will help determine how we conduct this process in the future.

Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: [redacted]

-----Original Message-----
From: Eisner, Jennifer (DHHS)
Sent: Monday, December 21, 2015 3:55 PM
To: 'Dupnack, Jessica' <jessica.dupnack@abc12.com>
Subject: RE: Look for a statement

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I appreciate the reply.
I have one further question.

In this statement - "the increase appeared to be consistent with the routine seasonal fluctuation seen in the summer months."

BUT according to the data collected and notes provided by Cristin Larder on July 28, 2015 it specifically says:

"Based on the results depicted in Figure 3 positives tests for EBLL were higher than usual for children under age 16 in the City of Flint during the months of July, August and September, 2014."

While I understand a sample size in July can't reflect a direct correlation to the water switch - comparing summer 2014 to previous years AND accounting for seasonal variance - Larder wrote "there does appear to be a high proportion of EBLL last summer than usual"

I guess I am just confused how this report in July is consistent with what the department is saying now?

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From: Eisner, Jennifer (DHHS) [mailto:EisnerJ@michigan.gov]
Sent: Monday, December 21, 2015 3:18 PM
To: Dupnack, Jessica
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Thanks for your patience on this.

The Michigan Department of Health and Human Services has consistently provided information regarding the city of Flint and blood lead levels.

When initially looking at the citywide and county elevated blood lead level numbers, the increase appeared to be consistent with the routine seasonal fluctuation seen in the summer months. It wasn't until the Hurley report came out that our epidemiologists took a more in-depth look at the data by zip code, controlling for seasonal variation, and confirmed an increase outside of normal trends. As a result of this process, we have determined that the way we analyze data collected needs to be thoroughly reviewed. Additionally, Gov. Rick Snyder has created a Flint Water Task Force to review all city, state and federal responses and actions and is expected to make recommendations moving forward.

The Michigan Department of Health and Human Services is focused on ensuring appropriate case management and follow up in Flint. Summary reports outlining blood lead level testing are posted online on a bi-weekly basis, and we work closely with local partners to fulfill data requests as we receive them.

Regarding the FOIA, Mr. Edwards received all of the requested documents, with personal information redacted, on Friday, December 18.

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Sent from my iPhone

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> Thanks!
> Jessica Dupnack

From: Murray, David (GOV)
Sent: Monday, December 21, 2015 3:57 PM
To: Eisner, Jennifer (DHHS)
Subject: RE: Look for a statement

Thanks, Jen!

Dave Murray

Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office [redacted] [redacted]mobile Twitter:@michigandmurray

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> Thanks!
> Jessica Dupnack

From: Murray, David (GOV)
Sent: Monday, December 21, 2015 4:37 PM
To: 'Rebecca Williams'
Subject: RE: Response to Marc Edwards' post on DHHS and Flint water?

Hi Rebecca,

I'm confused. Steve Carmody also has a post about this story. Do you guys work for the same outlet? I sometimes get confused about the various Michigan Radio branches.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Rebecca Williams [mailto:[redacted]
Sent: Monday, December 21, 2015 2:54 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Response to Marc Edwards' post on DHHS and Flint water?

Will do, thanks!

Rebecca Williams
Senior Reporter
Michigan Radio
(734) 647-3497 desk
[redacted] cell

On Mon, Dec 21, 2015 at 2:52 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Coming to you very soon. Please give us a couple minutes grace here.
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> **Dave Murray**
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> Press Secretary | Executive Office of Governor Rick Snyder
>
> MurrayD1@michigan.gov

517-335-6397, office

[redacted], mobile

Twitter:@michigandmurray

From: Rebecca Williams [mailto:[redacted]
Sent: Monday, December 21, 2015 12:56 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Response to Marc Edwards' post on DHHS and Flint water?

thanks!

Rebecca Williams

Senior Reporter

Michigan Radio

(734) 647-3497 desk

[redacted] cell

On Mon, Dec 21, 2015 at 12:30 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> The Department of Health and Human Services Will have a reply for you before your deadline.
>
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>
> Press Secretary | Executive Office of Governor Rick Snyder
>
> MurrayD1@michigan.gov
>
> 517-335-6397, office

[redacted] mobile

Twitter:@michigandmurray

From: Rebecca Williams [mailto:[redacted]]
Sent: Monday, December 21, 2015 12:14 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Response to Marc Edwards' post on DHHS and Flint water?

Hi Dave,

Would the Governor's office like to do a taped interview or comment on this post from Dr. Marc Edwards on the results of his FOIA to DHHS re: when the agency knew about elevated blood lead levels in kids in Flint?

http://flintwaterstudy.org/2015/12/michigan-health-department-hid-evidence-of-health-harm-due-to-lead-contaminated-water-allowed-false-public-assurances-by-mdeq-and-stonewalled-outside-researchers/

Our story deadline is 3pm today.

thanks,

Rebecca Williams

Senior Reporter

Michigan Radio

(734) 647-3497 desk

[redacted] cell

From: Rebecca Williams <[redacted]>
Sent: Monday, December 21, 2015 4:38 PM
To: Murray, David (GOV); Vincent Duffy; Sarah Hulett
Subject: Re: Response to Marc Edwards' post on DHHS and Flint water?

Hey Dave,

Yeah, we both work for Michigan Radio. Steve filed spots for the afternoon news cycle and I'm putting together my Environment Report segment for tomorrow.

Best, Rebecca

Rebecca Williams
Senior Reporter
Michigan Radio
(734) 647-3497 desk
[redacted] cell

On Mon, Dec 21, 2015 at 4:36 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

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> MurrayD1@michigan.gov
>
> 517-335-6397, office
>
> [redacted] mobile
>
> Twitter:@michigandmurray

From: Rebecca Williams [mailto:[redacted]]
Sent: Monday, December 21, 2015 12:14 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Response to Marc Edwards' post on DHHS and Flint water?

Hi Dave,

Would the Governor's office like to do a taped interview or comment on this post from Dr. Marc Edwards on the results of his FOIA to DHHS re: when the agency knew about elevated blood lead levels in kids in Flint?

http://flintwaterstudy.org/2015/12/michigan-health-department-hid-evidence-of-health-harm-due-to-lead-contaminated-water-allowed-false-public-assurances-by-mdeq-and-stonewalled-outside-researchers/

Our story deadline is 3pm today.

thanks,

Rebecca Williams

Senior Reporter

Michigan Radio

(734) 647-3497 desk

[redacted] cell

From: Wurfel, Brad (DEQ)
Sent: Monday, December 21, 2015 4:39 PM
To: Murray, David (GOV)
Subject: Fwd: Flint water

Sent from my iPhone

Begin forwarded message:

> **From:** "Egan, Paul" <pegan@freepress.com>
> **Date:** December 21, 2015 at 3:43:39 PM EST
> **To:** "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>
> **Cc:** "rosenthala@michigan.gov" <rosenthala@michigan.gov>, "buschs@michigan.gov" <buschs@michigan.gov>
> **Subject: Flint water**
>
> Hi Brad: I am working on an update/wrap-up on the Flint water issue. I have a few questions and I am hoping you can provide answers by the end of the day Tuesday. I am also copying two DEQ officials referenced in the questions, in case they want to answer directly. The questions are based on e-mails obtained through FOIA by Virginia Tech researcher Marc Edwards, and by the Michigan ACLU.
>
> 1/ Have any DEQ officials been re-assigned or disciplined in relation to the Flint drinking water issue, other than Liane Shekter Smith?
>
> 2/ Why did Stephen Busch say in a Feb. 27 e-mail to the EPA that Flint had "an optimized corrosion control program" when in fact Flint had no corrosion control program?
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> 3/ On June 25, Adam Rosenthal of the DEQ's Office of Drinking Water and Municipal Assistance sent an e-mail about the water samples to Michael Glasgow, a utilities administrator with the City of Flint. "Just wanted to remind you/confirm that Flint is on track for a few items," Rosenthal wrote in the e-mail.
>
> "We hope you have 61 more lead/copper samples collected and sent to the lab by 6/30/15, and that they are will be (sic) below the AL (action level) for lead," the e-mail said. "As of now with 39 results, Flint's 90th percentile is over the AL for lead."
>
> Was Rosenthal encouraging Flint to collect samples that would be below the action level for lead? Many people are reading his e-mail that way. Is there any reason why I should not?
>
> 4/ Why was the DEQ strict in 2015 about disqualifying the sample with a high reading from the home of LeeAnne Walters, for the stated reason that she used a water filter, but not strict in disqualifying other samples for other reasons that could have been used, such as that they were not among the 100 homes that were sampled in 2014, or that they did not come from homes at high risk for lead (for example the homes on Flushing Road that had received a new water main in 2007?) Why is it that of the homes sampled in 2014, only homes that had tested below the AL for lead were sampled again in 2015 and none of the homes that had sampled above the AL for lead in 2014 were sampled again in 2015? Were the samples being cherry picked, as some have suggested?

5/ LeeAnne Walters says she never received a promised letter or email that was to follow up with her from the Aug. 4 meeting in Lansing with DEQ officials and aides to the Governor. Was she ever sent the letter, which was to explain to her, among other items, why the sample from her home was disqualified?

Thanks,
Paul Egan
Detroit Free Press
Lansing Bureau
517-372-8660

From: Conaway, Laura (NBCUniversal) <Laura.Conaway@nbcuni.com>
Sent: Monday, December 21, 2015 5:31 PM
To: Murray, David (GOV)
Subject: RE: New query from the Rachel Maddow Show

Got it. Thank you.

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 21, 2015 5:30 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV)
Subject: RE: New query from the Rachel Maddow Show

Laura,

At this point, the state has not received a request from the city through the Michigan Emergency Management Act.

We are working with the Mayor and County Commission to help them determine what could be the most effective course for both to receive the most possible federal assistance to help address the city's health issues and water infrastructure needs. There might be other pathways to generate assistance. We are working closely with them to help with this.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, December 21, 2015 5:25 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: New query from the Rachel Maddow Show

Thank you for that pertinent information. That is all very helpful to hear. I still don't know how the governor intends to respond to the declaration of an emergency (or disaster). Has he not decided?

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 21, 2015 5:21 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV); Holland, Meegan (GOV)
Subject: RE: New query from the Rachel Maddow Show

The administration continues to work closely with Mayor Weaver on her request. **Today,** representatives of the Michigan State Police's Emergency Management and Homeland Security Division met with Mayor Weaver and members of the Genesee County Commission to discuss what options would be available to the city and county through the Michigan Emergency Management Act and the federal Stafford Act, and what could be the most effective course for both to receive federal assistance to help address the city's health issues and water infrastructure needs.

At this point, the state has not received a request from the city through the Michigan Emergency Management Act. (And Laura, please don't confuse the Michigan Emergency Management Act with the emergency managers who were running financially distressed cities. As an aside, there were four emergency managers covering cities in Michigan when the governor took office. Soon, there will be none.)

Again, it would be remiss to not mention that the state so far has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted], mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, December 21, 2015 4:57 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: New query from the Rachel Maddow Show

Dave,

Does that mean I should record the governor's office as not answering whether he will support, amend or reject Flint's declaration of emergency?

Thank you again.

Laura

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 21, 2015 4:55 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV); Holland, Meegan (GOV)
Subject: RE: New query from the Rachel Maddow Show

Hello, Laura.

I'm not sure you used anything that I sent you the other night.

Flint residents need to have access to safe, clean water. Gov. Snyder and administration members continue to work closely with Mayor Weaver and other city leaders to focus on health issues affecting children and other city residents. And address water infrastructure challenges.

The state so far has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities. The task force started working in late October, and members expected their work would last for about three months. Members already have made some recommendations, and the Governor has agreed to them.

The state's response includes:

* Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
* Offering free water testing to Flint residents to assure their drinking water is safe.
* Providing free water filters to residents.
* Expanding health exposure testing of individual homes.
* Accelerating corrosion controls in the Flint drinking water system.
* Accelerating water system improvements to address replacing lead service lines.
* Expediting the completion of the Karegnondi Water Authority pipeline.
* Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
* Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
* Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, December 21, 2015 4:46 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: New query from the Rachel Maddow Show

Hi, Dave,

Can you tell us, please, whether the governor has received (or expects to receive) the declaration of disaster from the City of Flint, regarding its water situation? And can you tell us, please, whether the governor intends to support, amend or reject that declaration for the purposes of state and/or federal assistance?

Thank you again for the help.

Laura Conaway
The Rachel Maddow Show
212 664 1286

From: Gary Ridley [GRIDLEY@mlive.com]
Sent: Tuesday, December 22, 2015 11:49 AM
To: Murray, David (GOV)
Subject: Stabenow comment on Flint water

Dave,
I was covering an event with Sen. Stabenow and the Flint water issue came up briefly. She made this statement:

"The state of Michigan, where the negligence rose, has to step up in a much bigger way to help Flint."

I wanted to check in with you and see if your office had any response to her comment. I will likely be putting something together by 3-4 p.m.

Thanks.

--
Gary Ridley | The Flint Journal-MLive Media Group | 810-280-9516 | gridley@mlive.com

From: Murray, David (GOV)
Sent: Tuesday, December 22, 2015 11:51 AM
To: 'Holland, Meegan (GOV)'
Subject: FW: Stabenow comment on Flint water

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]mobile
Twitter:@michigandmurray

From: Gary Ridley [mailto:GRIDLEY@mlive.com]
Sent: Tuesday, December 22, 2015 11:49 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
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Thanks.

--
Gary Ridley | The Flint Journal-MLive Media Group | 810-280-9516 | gridley@mlive.com

From: Holland, Meegan (GOV)
Sent: Tuesday, December 22, 2015 12:55 PM
To: Murray, David (GOV)
Subject: RE: Stabenow comment on Flint water

I'm wondering if you can use your Maddow response for Ridley's question … maybe shorten it a bit…

Flint residents need to have access to safe, clean water. Gov. Snyder and administration members continue to work closely with Mayor Weaver and other city leaders to focus on health issues affecting children and other city residents, and address water infrastructure challenges.

The state so far has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

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From: Murray, David (GOV)
Sent: Tuesday, December 22, 2015 11:51 AM
To: Holland, Meegan (GOV) <HollandM2@michigan.gov>
Subject: FW: Stabenow comment on Flint water

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

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Thanks.

--

Gary Ridley | The Flint Journal-MLive Media Group | 810-280-9516 | gridley@mlive.com

From: Gary Ridley [GRIDLEY@mlive.com]
Sent: Tuesday, December 22, 2015 2:40:30 PM
To: Murray, David (GOV)
Subject: RE: Stabenow comment on Flint water

Dave,

I appreciate the quick response. But, I need to follow up since some things have changed since my previous email.

I just sat down with U.S. Rep. Dan Kildee who is calling for a locally-managed, state-funded health fund that would help identify and track health issues for those kids potentially impacted by the lead situation.

Would the governor be on board with this idea? Has he had discussions on creating this sort of fund?

Thanks again.

--

Gary Ridley | The Flint Journal-MLive Media Group | 810-280-9516 | gridley@mlive.com

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, December 22, 2015 1:08 PM
To: Gary Ridley <GRIDLEY@mlive.com>
Cc: Heaton, Anna (GOV) <HeatonA@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: RE: Stabenow comment on Flint water

Hello, Gary,

Flint residents need to have access to safe, clean water. Gov. Snyder and administration members continue to work closely with Mayor Weaver and other city leaders to focus on health issues affecting children and other city residents, and address water infrastructure challenges.

The state so far has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

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Dave

Dave Murray

Press Secretary | Executive Office of Governor Rick Snyder

{HYPERLINK "mailto:MurrayD1@michigan.gov"}

517-335-6397, office

[redacted] mobile

Twitter:@michigandmurray

Emblem

From: Gary Ridley [mailto:GRIDLEY@mlive.com]
Sent: Tuesday, December 22, 2015 11:49 AM
To: Murray, David (GOV) <{HYPERLINK "mailto:MurrayD1@michigan.gov"}>
Subject: Stabenow comment on Flint water

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Gary Ridley | The Flint Journal-MLive Media Group | 810-280-9516 | {HYPERLINK "mailto:gridley@mlive.com"}

From: Murray, David (GOV)
Sent: Tuesday, December 22, 2015 3:23 PM
To: 'Holland, Meegan (GOV)'
Subject: FW: Flint water

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Wurfel, Brad (DEQ)
Sent: Monday, December 21, 2015 4:39 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Fwd: Flint water

Sent from my iPhone

Begin forwarded message:

> **From:** "Egan, Paul" <pegan@freepress.com>
> **Date:** December 21, 2015 at 3:43:39 PM EST
> **To:** "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>
> **Cc:** "rosenthala@michigan.gov" <rosenthala@michigan.gov>, "buschs@michigan.gov" <buschs@michigan.gov>
> **Subject: Flint water**
>
> Hi Brad: I am working on an update/wrap-up on the Flint water issue. I have a few questions and I am hoping you can provide answers by the end of the day Tuesday. I am also copying two DEQ officials referenced in the questions, in case they want to answer directly. The questions are based on e-mails obtained through FOIA by Virginia Tech researcher Marc Edwards, and by the Michigan ACLU.
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Thanks,
Paul Egan
Detroit Free Press
Lansing Bureau
517-372-8660

From: Conaway, Laura (NBCUniversal) <Laura.Conaway@nbcuni.com>
Sent: Tuesday, December 22, 2015 3:32 PM
To: Murray, David (GOV)
Subject: RE: New query from the Rachel Maddow Show

Hi, Dave,

The segment got pushed back to today.

Can you tell me, please, whether the governor has received the disaster declaration? Has he made a decision about whether to support, amend or reject it?

If there is anything else new from your office about this story, please let me know.

Thank you again.

Laura

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 21, 2015 5:30 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV)
Subject: RE: New query from the Rachel Maddow Show

Laura,

At this point, the state has not received a request from the city through the Michigan Emergency Management Act.

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Dave Murray
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MurrayD1@michigan.gov
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Cc: Heaton, Anna (GOV); Biehl, Laura (GOV); Holland, Meegan (GOV)
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Dave

Dave Murray
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MurrayD1@michigan.gov
517-335-6397, office
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Twitter:@michigandmurray

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Sent: Monday, December 21, 2015 4:46 PM
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Thank you again for the help.

Laura Conaway
The Rachel Maddow Show
212 664 1286

From: Brownfield, Michael (GOV)
Sent: Tuesday, December 22, 2015 4:06 PM
To: Murray, David (GOV)
Subject: Flint for State of the State

Hey Dave --

Who is point at DHHS on the Flint issue? The governor asked that we flesh out the infrastructure issue, asked when we would have a timeline on the report. Can you provide any help on this?

Thanks!

Mike

From: Baird, Richard (GOV)
Sent: Tuesday, December 22, 2015 4:29 PM
To: Kelenske, Chris (MSP)
Cc: Etue, Kriste (MSP); Gorski, Gary (MSP); Holland, Meegan (GOV); Hollins, Harvey (GOV); Murray, David (GOV)
Subject: RE: Request of Action Items/Resource Requests

Thank you, Captain. I have also copied Harvey Hollins and our Comms leadership as well.

From: Kelenske, Chris (MSP)
Sent: Tuesday, December 22, 2015 2:40 PM
To: Baird, Richard (GOV)
Cc: Etue, Kriste (MSP); Gorski, Gary (MSP)
Subject: Request of Action Items/Resource Requests

Sir

This morning I requested from the Flint City Administrator, Natasha Henderson, the list of resources they have determined they need to see how we may be able to assist at this time. The county will also look at this to see what they can do. I will forward it as soon as I get it or hear otherwise.

Chris

Capt. Chris A. Kelenske
Deputy State Director/Commander
Emergency Management and Homeland Security Division
Michigan State Police
4000 Collins Road
Lansing, MI 48910
(517) 333-5042

"A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY."

JOIN THE MSP

From: Hollins, Harvey (GOV)
Sent: Tuesday, December 22, 2015 4:34 PM
To: Baird, Richard (GOV)
Cc: Kelenske, Chris (MSP); Etue, Kriste (MSP); Gorski, Gary (MSP); Holland, Meegan (GOV); Murray, David (GOV)
Subject: Re: Request of Action Items/Resource Requests
Attachments: image001.png

What was the outcome of yesterday's discussion re the declaration of an emergency by the county?

Best,
Harvey

On Dec 22, 2015, at 4:29 PM, Baird, Richard (GOV) <bairdr@michigan.gov> wrote:

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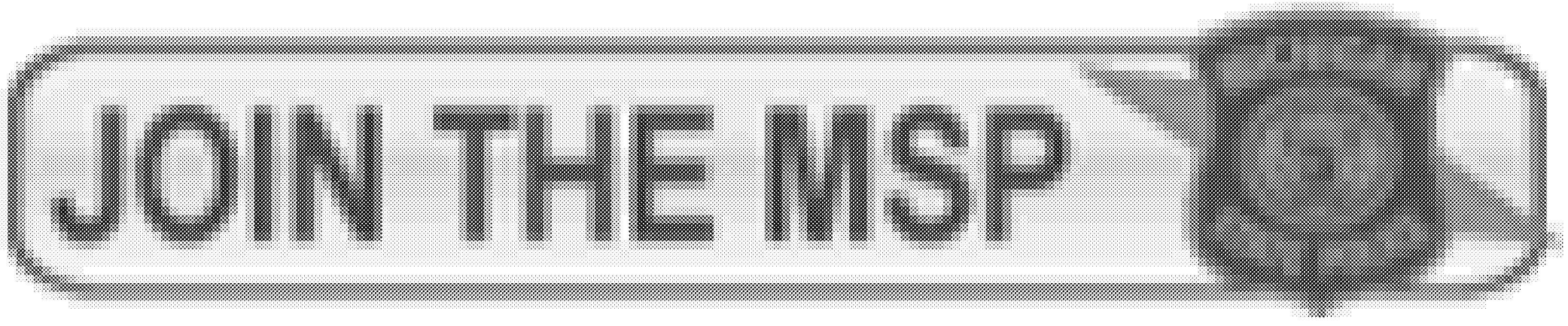
>
> Capt. Chris A. Kelenske
> Deputy State Director/Commander
> Emergency Management and Homeland Security Division
> Michigan State Police
> 4000 Collins Road
> Lansing, MI 48910
> (517) 333-5042
>
> "A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY."
>
>
>

JOIN THE MSP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From: Murray, David (GOV)
Sent: Tuesday, December 22, 2015 4:43 PM
To: 'Gary Ridley'
Subject: RE: Stabenow comment on Flint water

Hi Gary,

Looking back, I'm not sure I was clear in my response about one point.

We are committed to protecting the health of children in Flint now and into the future, and helping anyone who has been affected by the water challenges in Flint. We're already taking the steps called for in Gov. Snyder's action plan, and are working with the Flint Water Task Force to see what additional actions it recommends to help children and adults and address any issues that were created by this situation.

Is that more clear? Let me know.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]mobile
Twitter:@michigandmurray

From: Gary Ridley [mailto:GRIDLEY@mlive.com]
Sent: Tuesday, December 22, 2015 2:41 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Stabenow comment on Flint water

Dave,
I appreciate the quick response. But, I need to follow up since some things have changed since my previous email.

I just sat down with U.S. Rep. Dan Kildee who is calling for a locally-managed, state-funded health fund that would help identify and track health issues for those kids potentially impacted by the lead situation.

Would the governor be on board with this idea? Has he had discussions on creating this sort of fund?

Thanks again.

--
Gary Ridley | The Flint Journal-MLive Media Group | 810-280-9516 | gridley@mlive.com

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, December 22, 2015 1:08 PM
To: Gary Ridley <GRIDLEY@mlive.com>
Cc: Heaton, Anna (GOV) <HeatonA@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: RE: Stabenow comment on Flint water

Hello, Gary,

Flint residents need to have access to safe, clean water. Gov. Snyder and administration members continue to work closely with Mayor Weaver and other city leaders to focus on health issues affecting children and other city residents, and address water infrastructure challenges.

The state so far has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities.

Dave

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517-335-6397, office
[redacted]mobile
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From: Gary Ridley [mailto:GRIDLEY@mlive.com]
Sent: Tuesday, December 22, 2015 11:49 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Stabenow comment on Flint water

Dave,
I was covering an event with Sen. Stabenow and the Flint water issue came up briefly. She made this statement:

"The state of Michigan, where the negligence rose, has to step up in a much bigger way to help Flint."

I wanted to check in with you and see if your office had any response to her comment. I will likely be putting something together by 3-4 p.m.

Thanks.

--
Gary Ridley | The Flint Journal-MLive Media Group | 810-280-9516 | gridley@mlive.com

From: Wurfel, Brad (DEQ)
Sent: Tuesday, December 22, 2015 4:43 PM
To: Egan, Paul
Cc: Murray, David (GOV)
Subject: RE: Flint water

Paul, Thanks for the inquiry.

Most of these questions regard issues presently before the Governor's independent after action review panel. We don't want to get in front of that review. With the review group taking a close look at the past, the DEQ is now focused on present and future challenges related to implementing the Governor's 10-point plan.

To your final question, the department went through DTMB to confirm that the reply to Ms. Walters was sent to her email address and received by that address. I can forward it if you need to see it.

b

Brad Wurfel
Communications Director,
Michigan Department of Environmental Quality
wurfelb@michigan.gov
[redacted] cell)

From: Egan, Paul [mailto:pegan@freepress.com]
Sent: Monday, December 21, 2015 3:44 PM
To: Wurfel, Brad (DEQ)
Cc: Rosenthal, Adam (DEQ); Busch, Stephen (DEQ)
Subject: Flint water

Hi Brad: I am working on an update/wrap-up on the Flint water issue. I have a few questions and I am hoping you can provide answers by the end of the day Tuesday. I am also copying two DEQ officials referenced in the questions, in case they want to answer directly. The questions are based on e-mails obtained through FOIA by Virginia Tech researcher Marc Edwards, and by the Michigan ACLU.

1/ Have any DEQ officials been re-assigned or disciplined in relation to the Flint drinking water issue, other than Liane Shekter Smith?

2/ Why did Stephen Busch say in a Feb. 27 e-mail to the EPA that Flint had "an optimized corrosion control program" when in fact Flint had no corrosion control program?

3/ On June 25, Adam Rosenthal of the DEQ's Office of Drinking Water and Municipal Assistance sent an e-mail about the water samples to Michael Glasgow, a utilities administrator with the City of Flint. "Just wanted to remind you/confirm that Flint is on track for a few items," Rosenthal wrote in the e-mail.

"We hope you have 61 more lead/copper samples collected and sent to the lab by 6/30/15, and that they are will be (sic) below the AL (action level) for lead," the e-mail said. "As of now with 39 results, Flint's 90th percentile is over the AL for lead."

Was Rosenthal encouraging Flint to collect samples that would be below the action level for lead? Many people are reading his e-mail that way. Is there any reason why I should not?

4/ Why was the DEQ strict in 2015 about disqualifying the sample with a high reading from the home of LeeAnne Walters, for the stated reason that she used a water filter, but not strict in disqualifying other samples for other reasons that could have been used, such as that they were not among the 100 homes that were sampled in 2014, or that they did not come from homes at high risk for lead (for example the homes on Flushing Road that had received a new water main in 2007?) Why is it that of the homes sampled in 2014, only homes that had tested below the AL for lead were sampled again in 2015 and none of the homes that had sampled above the AL for lead in 2014 were sampled again in 2015? Were the samples being cherry picked, as some have suggested?

5/ LeeAnne Walters says she never received a promised letter or email that was to follow up with her from the Aug. 4 meeting in Lansing with DEQ officials and aides to the Governor. Was she ever sent the letter, which was to explain to her, among other items, why the sample from her home was disqualified?

Thanks,
Paul Egan
Detroit Free Press
Lansing Bureau
517-372-8660

From: Murray, David (GOV)
Sent: Tuesday, December 22, 2015 4:46 PM
To: Holland, Meegan (GOV)
Subject: FW: Flint water

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]
Twitter:@michigandmurray

From: Wurfel, Brad (DEQ)
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To: Egan, Paul <pegan@freepress.com>
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To your final question, the department went through DTMB to confirm that the reply to Ms. Walters was sent to her email address and received by that address. I can forward it if you need to see it.

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Brad Wurfel
Communications Director,
Michigan Department of Environmental Quality
wurfelb@michigan.gov
[redacted]

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To: Wurfel, Brad (DEQ)
Cc: Rosenthal, Adam (DEQ); Busch, Stephen (DEQ)
Subject: Flint water

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Thanks,
Paul Egan
Detroit Free Press
Lansing Bureau
517-372-8660

From: Gary Ridley <GRIDLEY@mlive.com>
Sent: Tuesday, December 22, 2015 4:57 PM
To: Murray, David (GOV)
Subject: Re: Stabenow comment on Flint water

Got it. Thanks.

Sent from my iPhone

On Dec 22, 2015, at 4:42 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Hi Gary,
>
> Looking back, I'm not sure I was clear in my response about one point.
>
> We are committed to protecting the health of children in Flint now and into the future, and helping anyone who has been affected by the water challenges in Flint. We're already taking the steps called for in Gov. Snyder's action plan, and are working with the Flint Water Task Force to see what additional actions it recommends to help children and adults and address any issues that were created by this situation.
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> Dave
>
> **Dave Murray**
> Press Secretary | Executive Office of Governor Rick Snyder
> MurrayD1@michigan.gov
> 517-335-6397, office
> [redacted]
> Twitter:@michigandmurray
>
>
>
> **From:** Gary Ridley [mailto:GRIDLEY@mlive.com]
> **Sent:** Tuesday, December 22, 2015 2:41 PM
> **To:** Murray, David (GOV) <MurrayD1@michigan.gov>
> **Subject:** RE: Stabenow comment on Flint water
>
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Thanks again.

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Gary Ridley | The Flint Journal-MLive Media Group | 810-280-9516 | gridley@mlive.com

---

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, December 22, 2015 1:08 PM
To: Gary Ridley <GRIDLEY@mlive.com>
Cc: Heaton, Anna (GOV) <HeatonA@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: RE: Stabenow comment on Flint water

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Dave

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MurrayD1@michigan.gov
517-335-6397, office
[redacted]
Twitter:@michigandmurray

From: Gary Ridley [mailto:GRIDLEY@mlive.com]
Sent: Tuesday, December 22, 2015 11:49 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Stabenow comment on Flint water

Dave,
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I wanted to check in with you and see if your office had any response to her comment. I will likely be putting something together by 3-4 p.m.

Thanks.

--

Gary Ridley | The Flint Journal-MLive Media Group | 810-280-9516 | gridley@mlive.com

From: Kelenske, Chris (MSP)
Sent: Tuesday, December 22, 2015 5:09 PM
To: Hollins, Harvey (GOV); Baird, Richard (GOV)
Cc: Etue, Kriste (MSP); Gorski, Gary (MSP); Holland, Meegan (GOV); Murray, David (GOV)
Subject: RE: Request of Action Items/Resource Requests

The county advised they will help anyway they can and they are united with the city on this; however, they did not indicate they were going to declare an emergency at the meeting as they have not gotten any specific requests from the city. If the county declares an emergency, they have to provide EMHSD with what **specific** assistance is needed to **supplement** local response and recovery efforts.

I also advised the Mayor that a governors declaration is not needed to provide assistance outside of the Emergency Management Act (for example, the resources already provided by the state). The Act is one mechanism we have to assist but not the only one and not necessarily always the appropriate one to get us to the end state or goal.

It is important to note that a federal declaration of a disaster (under the Stafford Act and what the media keeps saying is needed) is not applicable here as federal disaster declarations (versus federal emergency declarations) are for natural disasters only (not man-made) and the City Administrator, Natasha Henderson, advised everyone this is a man-made event...I think she understands all of this.

Chris

Capt. Chris A. Kelenske
Deputy State Director/Commander
Emergency Management and Homeland Security Division
Michigan State Police
4000 Collins Road
Lansing, MI 48910
(517) 333-5042

"A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY."

From: Hollins, Harvey (GOV)
Sent: Tuesday, December 22, 2015 4:34 PM
To: Baird, Richard (GOV)
Cc: Kelenske, Chris (MSP); Etue, Kriste (MSP); Gorski, Gary (MSP); Holland, Meegan (GOV); Murray, David (GOV)
Subject: Re: Request of Action Items/Resource Requests

What was the outcome of yesterday's discussion re the declaration of an emergency by the county?

Best,
Harvey

On Dec 22, 2015, at 4:29 PM, Baird, Richard (GOV) <bairdr@michigan.gov> wrote:

Thank you, Captain. I have also copied Harvey Hollins and our Comms leadership as well.

From: Kelenske, Chris (MSP)
Sent: Tuesday, December 22, 2015 2:40 PM
To: Baird, Richard (GOV)
Cc: Etue, Kriste (MSP); Gorski, Gary (MSP)
Subject: Request of Action Items/Resource Requests

Sir

This morning I requested from the Flint City Administrator, Natasha Henderson, the list of resources they have determined they need to see how we may be able to assist at this time. The county will also look at this to see what they can do. I will forward it as soon as I get it or hear otherwise.

Chris

Capt. Chris A. Kelenske
Deputy State Director/Commander
Emergency Management and Homeland Security Division
Michigan State Police
4000 Collins Road
Lansing, MI 48910
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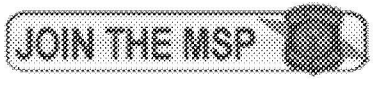

JOIN THE MSP

JOIN THE MSP

From: Murray, David (GOV)
Sent: Tuesday, December 22, 2015 6:26 PM
To: 'Conaway, Laura (NBCUniversal)'
Subject: RE: New query from the Rachel Maddow Show

The transition advisory boards are very, very different from emergency managers, of course. I've been trying to round up the dates for you, but having trouble reaching the experts on that after hours. Will let you know if I can get specifics.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Tuesday, December 22, 2015 3:59 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Heaton, Anna (GOV) <HeatonA@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: RE: New query from the Rachel Maddow Show

Thanks, Dave.

Can you tell us, please, when the other municipalities will no longer have local decisions subject to transition advisory boards, as listed on the Treasury Department's website? http://www.michigan.gov/treasury/0,4679,7-121-1751_51556_64472-201116--,00.html

Laura

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, December 22, 2015 3:53 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: RE: New query from the Rachel Maddow Show

Hello Laura,

I've just checked with the Michigan State Police's Emergency Management and Homeland Security Division. No formal request from Genesee County has been made to the state at this point. A district coordinator assigned to that region has been **working closely with city and county leaders**, and will continue to do so. The state remains in close contact with the Mayor and County Commission to help them determine what could be the most effective course for both to receive

the most possible federal assistance to help address the city's health issues and water infrastructure needs. There might be other pathways to obtain federal assistance.

There is something I think you should know about. Today, Lincoln Park was returned to local control. This is the first time **in 15 years** that no Michigan municipality has had oversight from an emergency manager. There are still three school districts with such oversight. Keep in mind that emergency managers have been in place in Michigan for 10 years prior to Gov. Snyder. There appeared to be some confusion about that in the first report.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Tuesday, December 22, 2015 3:32 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: New query from the Rachel Maddow Show

Hi, Dave,

The segment got pushed back to today.

Can you tell me, please, whether the governor has received the disaster declaration? Has he made a decision about whether to support, amend or reject it?

If there is anything else new from your office about this story, please let me know.

Thank you again.

Laura

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 21, 2015 5:30 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV)
Subject: RE: New query from the Rachel Maddow Show

Laura,

At this point, the state has not received a request from the city through the Michigan Emergency Management Act.

We are working with the Mayor and County Commission to help them determine what could be the most effective course for both to receive the most possible federal assistance to help address the city's health issues and water

infrastructure needs. There might be other pathways to generate assistance. We are working closely with them to help with this.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, December 21, 2015 5:25 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: New query from the Rachel Maddow Show

Thank you for that pertinent information. That is all very helpful to hear. I still don't know how the governor intends to respond to the declaration of an emergency (or disaster). Has he not decided?

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 21, 2015 5:21 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV); Holland, Meegan (GOV)
Subject: RE: New query from the Rachel Maddow Show

The administration continues to work closely with Mayor Weaver on her request. **Today,** representatives of the Michigan State Police's Emergency Management and Homeland Security Division met with Mayor Weaver and members of the Genesee County Commission to discuss what options would be available to the city and county through the Michigan Emergency Management Act and the federal Stafford Act, and what could be the most effective course for both to receive federal assistance to help address the city's health issues and water infrastructure needs.

At this point, the state has not received a request from the city through the Michigan Emergency Management Act. (And Laura, please don't confuse the Michigan Emergency Management Act with the emergency managers who were running financially distressed cities. As an aside, there were four emergency managers covering cities in Michigan when the governor took office. Soon, there will be none.)

Again, it would be remiss to not mention that the state so far has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

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From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, December 21, 2015 4:57 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: New query from the Rachel Maddow Show

Dave,

Does that mean I should record the governor's office as not answering whether he will support, amend or reject Flint's declaration of emergency?

Thank you again.

Laura

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 21, 2015 4:55 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV); Holland, Meegan (GOV)
Subject: RE: New query from the Rachel Maddow Show

Hello, Laura.

I'm not sure you used anything that I sent you the other night.

Flint residents need to have access to safe, clean water. Gov. Snyder and administration members continue to work closely with Mayor Weaver and other city leaders to focus on health issues affecting children and other city residents. And address water infrastructure challenges.

The state so far has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities. The task force started working in late October, and members expected their work would last for about three months. Members already have made some recommendations, and the Governor has agreed to them.

The state's response includes:

* Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
* Offering free water testing to Flint residents to assure their drinking water is safe.
* Providing free water filters to residents.
* Expanding health exposure testing of individual homes.
* Accelerating corrosion controls in the Flint drinking water system.
* Accelerating water system improvements to address replacing lead service lines.
* Expediting the completion of the Karegnondi Water Authority pipeline.

* Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
* Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
* Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

Dave

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From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
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To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: New query from the Rachel Maddow Show

Hi, Dave,

Can you tell us, please, whether the governor has received (or expects to receive) the declaration of disaster from the City of Flint, regarding its water situation? And can you tell us, please, whether the governor intends to support, amend or reject that declaration for the purposes of state and/or federal assistance?

Thank you again for the help.

Laura Conaway
The Rachel Maddow Show
212 664 1286

From: Conaway, Laura (NBCUniversal) <Laura.Conaway@nbcuni.com>
Sent: Tuesday, December 22, 2015 6:27 PM
To: Murray, David (GOV)
Subject: RE: New query from the Rachel Maddow Show

Thank you. I appreciate the help. If the dates are knowable, it would be good to know them. I don't need them right away, though, so please don't stay late on account of that.

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Subject: RE: New query from the Rachel Maddow Show

Thanks, Dave.

Can you tell us, please, when the other municipalities will no longer have local decisions subject to transition advisory boards, as listed on the Treasury Department's website? http://www.michigan.gov/treasury/0,4679,7-121-1751_51556_64472-201116--,00.html

Laura

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, December 22, 2015 3:53 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: RE: New query from the Rachel Maddow Show

Hello Laura,

I've just checked with the Michigan State Police's Emergency Management and Homeland Security Division. No formal request from Genesee County has been made to the state at this point. A district coordinator assigned to that region has been **working closely with city and county leaders**, and will continue to do so. The state remains in close contact with the Mayor and County Commission to help them determine what could be the most effective course for both to receive the most possible federal assistance to help address the city's health issues and water infrastructure needs. There might be other pathways to obtain federal assistance.

There is something I think you should know about. Today, Lincoln Park was returned to local control. This is the first time **in 15 years** that no Michigan municipality has had oversight from an emergency manager. There are still three school districts with such oversight. Keep in mind that emergency managers have been in place in Michigan for 10 years prior to Gov. Snyder. There appeared to be some confusion about that in the first report.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Tuesday, December 22, 2015 3:32 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: New query from the Rachel Maddow Show

Hi, Dave,

The segment got pushed back to today.

Can you tell me, please, whether the governor has received the disaster declaration? Has he made a decision about whether to support, amend or reject it?

If there is anything else new from your office about this story, please let me know.

Thank you again.

Laura

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 21, 2015 5:30 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV)
Subject: RE: New query from the Rachel Maddow Show

Laura,

At this point, the state has not received a request from the city through the Michigan Emergency Management Act.

We are working with the Mayor and County Commission to help them determine what could be the most effective course for both to receive the most possible federal assistance to help address the city's health issues and water infrastructure needs. There might be other pathways to generate assistance. We are working closely with them to help with this.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, December 21, 2015 5:25 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: New query from the Rachel Maddow Show

Thank you for that pertinent information. That is all very helpful to hear. I still don't know how the governor intends to respond to the declaration of an emergency (or disaster). Has he not decided?

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 21, 2015 5:21 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV); Holland, Meegan (GOV)
Subject: RE: New query from the Rachel Maddow Show

The administration continues to work closely with Mayor Weaver on her request. **Today,** representatives of the Michigan State Police's Emergency Management and Homeland Security Division met with Mayor Weaver and members of the Genesee County Commission to discuss what options would be available to the city and county through the Michigan Emergency Management Act and the federal Stafford Act, and what could be the most effective course for both to receive federal assistance to help address the city's health issues and water infrastructure needs.

At this point, the state has not received a request from the city through the Michigan Emergency Management Act. (And Laura, please don't confuse the Michigan Emergency Management Act with the emergency managers who were running financially distressed cities. As an aside, there were four emergency managers covering cities in Michigan when the governor took office. Soon, there will be none.)

Again, it would be remiss to not mention that the state so far has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

Dave Murray
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Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, December 21, 2015 4:57 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: New query from the Rachel Maddow Show

Dave,

Does that mean I should record the governor's office as not answering whether he will support, amend or reject Flint's declaration of emergency?

Thank you again.

Laura

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 21, 2015 4:55 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV); Holland, Meegan (GOV)
Subject: RE: New query from the Rachel Maddow Show

Hello, Laura.

I'm not sure you used anything that I sent you the other night.

Flint residents need to have access to safe, clean water. Gov. Snyder and administration members continue to work closely with Mayor Weaver and other city leaders to focus on health issues affecting children and other city residents. And address water infrastructure challenges.

The state so far has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities. The task force started working in late October, and members expected their work would last for about three months. Members already have made some recommendations, and the Governor has agreed to them.

The state's response includes:

* Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
* Offering free water testing to Flint residents to assure their drinking water is safe.

* Providing free water filters to residents.
* Expanding health exposure testing of individual homes.
* Accelerating corrosion controls in the Flint drinking water system.
* Accelerating water system improvements to address replacing lead service lines.
* Expediting the completion of the Karegnondi Water Authority pipeline.
* Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
* Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
* Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

Dave

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Press Secretary | Executive Office of Governor Rick Snyder
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Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, December 21, 2015 4:46 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: New query from the Rachel Maddow Show

Hi, Dave,

Can you tell us, please, whether the governor has received (or expects to receive) the declaration of disaster from the City of Flint, regarding its water situation? And can you tell us, please, whether the governor intends to support, amend or reject that declaration for the purposes of state and/or federal assistance?

Thank you again for the help.

Laura Conaway
The Rachel Maddow Show
212 664 1286

From: Stephen Carmody <sgcarmod@umich.edu>
Sent: Wednesday, December 23, 2015 9:40 AM
To: Murray, David (GOV)
Subject: A news media interview request

Dave,

Is there any chance of lining up an interview with Harvey Hollins before he starts his new job overseeing the Flint water response?

Steve Carmody
Michigan Radio

From: Murray, David (GOV)
Sent: Wednesday, December 23, 2015 9:43 AM
To: Stephen Carmody
Subject: Re: A news media interview request

Hello Steve,

I don't know what Harvey's availability is. It might be best to send us questions via email.

Sent from my iPhone

> On Dec 23, 2015, at 9:40 AM, Stephen Carmody <sgcarmod@umich.edu> wrote:
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> Is there any chance of lining up an interview with Harvey Hollins before he starts his new job overseeing the Flint water response?
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> Steve Carmody
> Michigan Radio

From: Stephen Carmody <sgcarmod@umich.edu>
Sent: Wednesday, December 23, 2015 9:59 AM
To: Murray, David (GOV)
Subject: Re: A news media interview request

I would just like to talk with him about:

1) How he sees his job.
2) How he'll work with state agencies, the federal government and local groups in Flint.
3) How long does he expect this process will take
4) Does he have a timetable for developing timetables to address the various needs facing the city and the people
5) Does he think Flint meets the requirements to be declared a federal disaster (and if he's not sure, what would help him determine if it is).
6) Is he planning on meeting with city leaders or the public in Flint anytime soon?

Obviously, being that i'm in radio, i'll need to record an interview.

But it is the holidays and I fully understand that Mr. Hollins deserves some time off (as do you).

If Mr. Hollins has time for a telephone interview before the first of the year, I would greatly appreciate it.

On Wed, Dec 23, 2015 at 9:43 AM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
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>
> Steve Carmody
> Michigan Radio

From: Murray, David (GOV)
Sent: Wednesday, December 23, 2015 10:10 AM
To: 'Stephen Carmody'
Subject: RE: A news media interview request

Timing is a challenge. There are some other concerns. Email might be the best avenue at this point. I will see what I can do.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]
Twitter:@michigandmurray

From: Stephen Carmody [mailto:[redacted]]
Sent: Wednesday, December 23, 2015 9:59 AM
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>
> Steve Carmody
> Michigan Radio

From: Natalia Golysheva <Natalia.Golysheva@bbc.co.uk>
Sent: Wednesday, December 23, 2015 10:36 AM
To: Murray, David (GOV)
Subject: BBC World Service request for interview

Importance: High

Hi Dave,

Thank you for your time on the phone.

As discussed, the BBC World Service has run a story yesterday on the Flint water crisis, were we spoke to the local paediatrician who has uncovered the pollution, and a local citizen who has suffered from it. Here is the link to the story http://www.bbc.co.uk/programmes/p03ctmmy
It generated a strong interest and we have decided that it would be fair to give the State authorities the opportunity to respond.

I appreciate what you said about providing us with the written response, but as we are a radio programme, we would really appreciate speaking to a representative, ideally the governor himself. In the absence of a voice from your side, we will have to re-run part of yesterday's coverage to remind the audience of what happened, however we would much rather hear from your office to balance the coverage. I would appreciate if you let me know should that be an option. This won't take more than 5 – 10 minutes and could be done over the phone, ideally between 6 and 10 pm this evening EST.

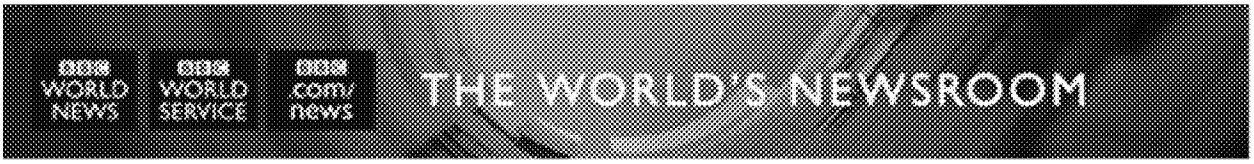
Please be assured that we are not after for an intense defence response or a blaming game. What we are looking for is an account of what happened from the governor's position – as many residents we've been speaking are very angry with the state authorities.

I don't have specific questions as much as a request to hear your take on the story – how did it happen that the residents were effectively poisoned? What is the governor's reaction to the discovery of evidence of ignoring the data about lead poisoning? http://www.huffingtonpost.com/entry/flint-michigan-water-lead_56784055e4b0b958f657595c
Finally, many people are calling for governor to resign as a result of this scandal. How does he feel about what happened?

Let me know if you have any further questions.

Many thanks in advance,
Natalia

Natalia Golysheva | @n_golysheva
Producer | BBC World Service
Tel. +44 203 61 44044 – Newsday
Tel. +44 203 61 43900 – World Have Your Say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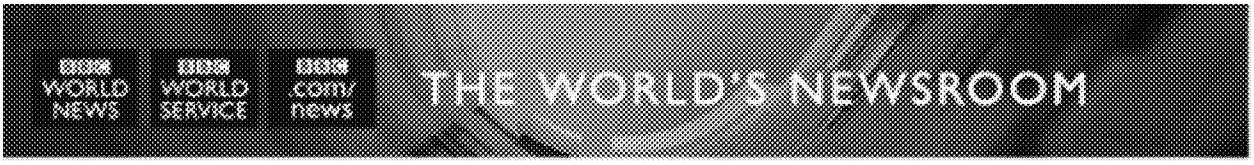
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From: Murray, David (GOV)
Sent: Wednesday, December 23, 2015 11:34 AM
To: 'Natalia Golysheva'
Subject: RE: BBC World Service request for interview

Hello Natalia,

What is your deadline (U.S. Eastern time)

Thank you!

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
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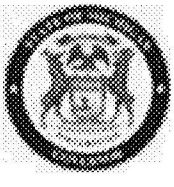

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Let me know if you have any further questions.

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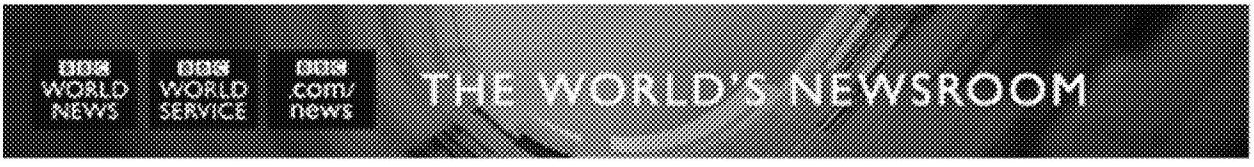

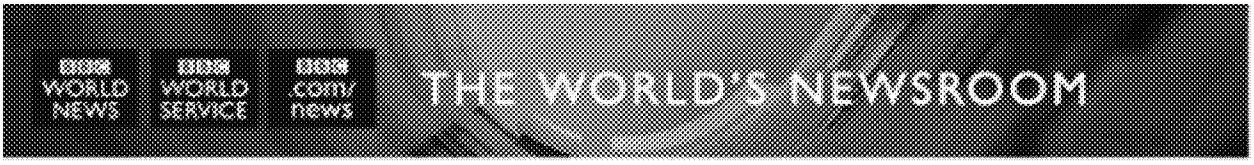
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From: Natalia Golysheva <Natalia.Golysheva@bbc.co.uk>
Sent: Wednesday, December 23, 2015 11:38 AM
To: Murray, David (GOV)
Subject: RE: BBC World Service request for interview

Thanks for getting back to me Dave,

I am working towards tomorrow's programme and will need to hand over in a couple of hours to the overnight team.

We normally pre-record between 6 and 9 pm your time and go live on air from 10 pm your time. We could arrange either for a pre-rec or a live - your call. If you are talking about the written response, I would appreciate if you send it through in the next couple of hours.

Best wishes,
Natalia

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: 23 December 2015 16:34
To: Natalia Golysheva
Subject: RE: BBC World Service request for interview

Hello Natalia,

What is your deadline (U.S. Eastern time)

Thank you!

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
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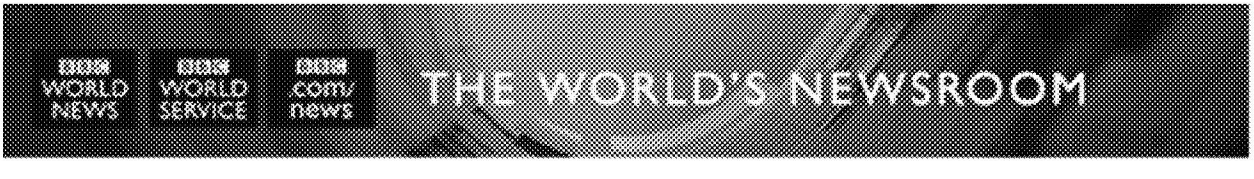

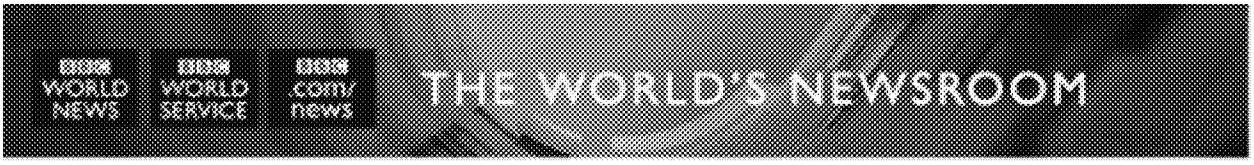
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From: Murray, David (GOV)
Sent: Wednesday, December 23, 2015 11:40 AM
To: 'Natalia Golysheva'
Subject: RE: BBC World Service request for interview

I'll have a written response to you in a couple hours.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
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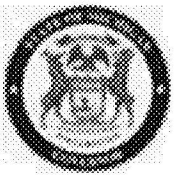

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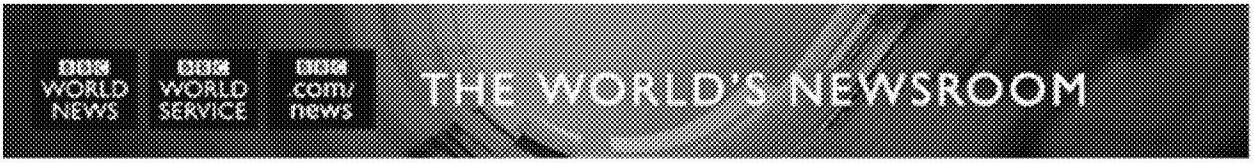

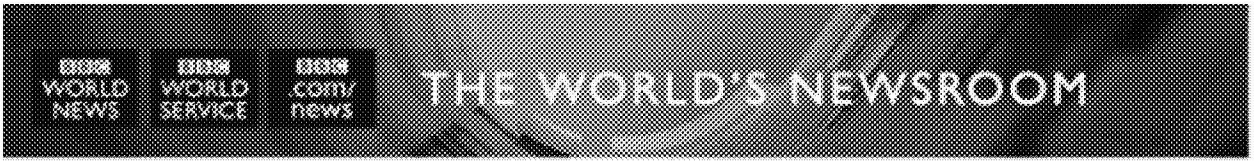
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From: Natalia Golysheva <Natalia.Golysheva@bbc.co.uk>
Sent: Wednesday, December 23, 2015 12:03 PM
To: Murray, David (GOV)
Subject: RE: BBC World Service request for interview

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To: Natalia Golysheva
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Twitter:@michigandmurray

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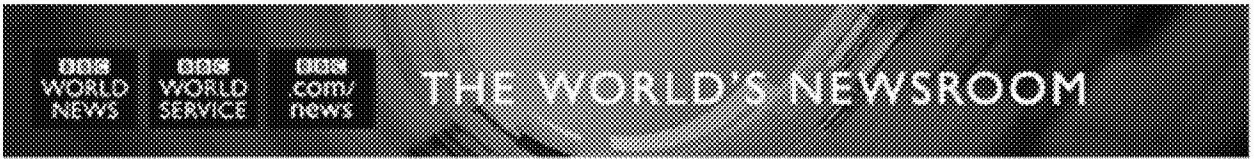

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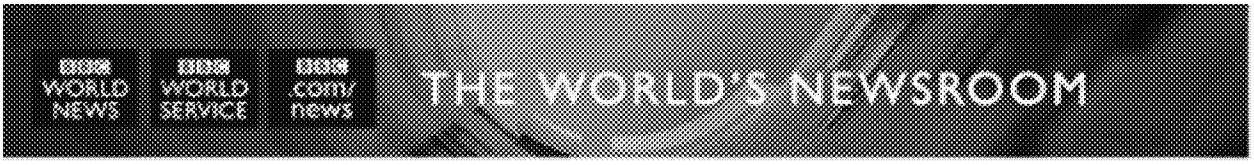
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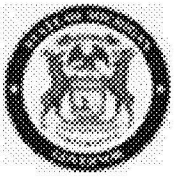

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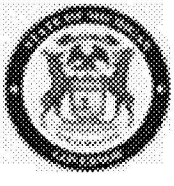

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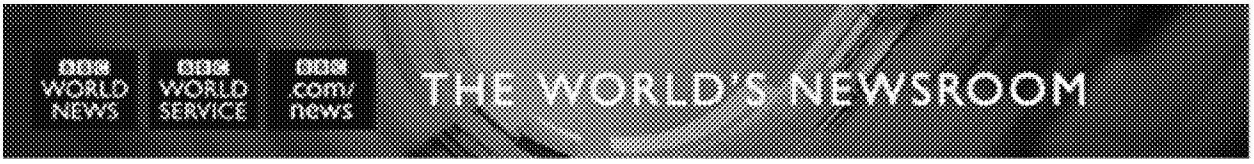

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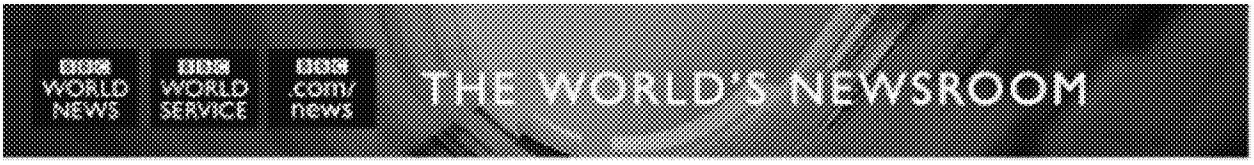
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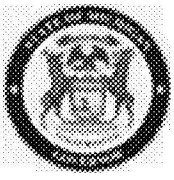

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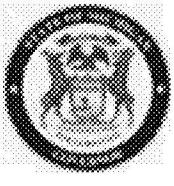

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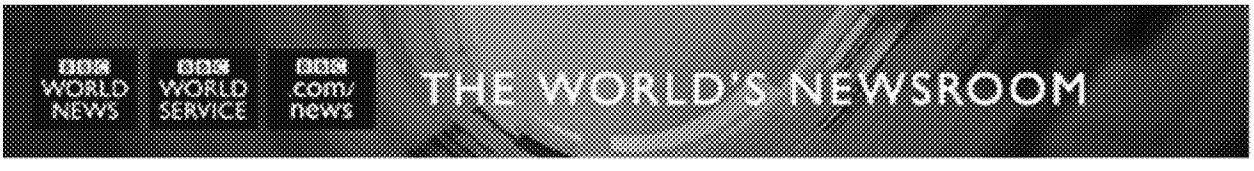

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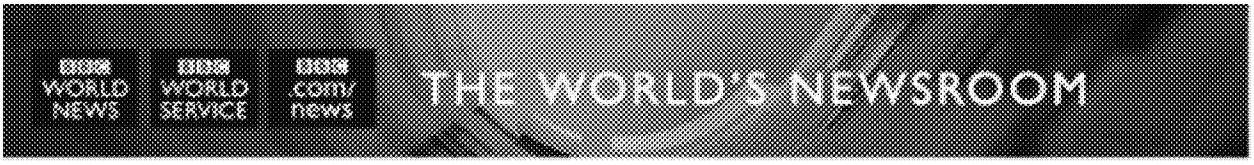
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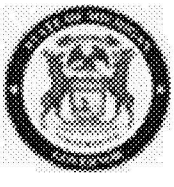

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Flint residents need to have access to safe, clean water. Gov. Snyder and the administration have been working closely with the mayor and city leaders to focus on health issues affecting children and other city residents, and address water infrastructure challenges. We are committed to protecting the health of children in Flint now and into the future.

Once the state became aware of the problem, Gov. Snyder responded quickly with an action plan that focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Departments of Environmental Quality and Health and Human Services, the U.S. Environmental Protection Agency, and the city of Flint.

The plan builds upon ongoing work with local, state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents have accurate information and know that help is available to address potential problems. You can find a link to a release about the action plan here: http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-366315--,00.html

The state also has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities. The task force started working in late October, and members expected their work would last for about three months. Members already have made some recommendations, and the Governor has agreed to them. Information about the task force is here: http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-367761--,00.html

There is a website with a considerable amount of information about the state's efforts to work with Flint's leaders and city residents here: www.michigan.gov/flintwater

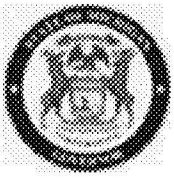
I **strongly recommend** that you look at the most recent release from our Department of Health and Human Services, which focuses on the most recent testing data: http://www.michigan.gov/mdhhs/0,5885,7-339-73970_71692-371199--,00.html

For your background, the action plan includes:

* Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
* Offering free water testing to Flint residents to assure their drinking water is safe.
* Providing free water filters to residents.
* Expanding health exposure testing of individual homes.
* Accelerating corrosion controls in the Flint drinking water system.
* Accelerating water system improvements to address replacing lead service lines.
* Expediting the completion of the Karegnondi Water Authority pipeline.
* Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
* Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
* Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

One thing we learned through this process is that there are no state or federal regulations requiring schools that are not on wells to test their water. The state has urged all districts conduct testing, and districts have been working with the Michigan Department of Environmental Quality.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]
Twitter:@michigandmurray



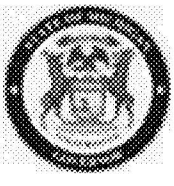
From: Natalia Golysheva [mailto:Natalia.Golysheva@bbc.co.uk]
Sent: Wednesday, December 23, 2015 12:03 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: BBC World Service request for interview

Thank you

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: 23 December 2015 16:40
To: Natalia Golysheva
Subject: RE: BBC World Service request for interview

I'll have a written response to you in a couple hours.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]
Twitter:@michigandmurray



From: Natalia Golysheva [mailto:Natalia.Golysheva@bbc.co.uk]
Sent: Wednesday, December 23, 2015 11:38 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: BBC World Service request for interview

Thanks for getting back to me Dave,

I am working towards tomorrow's programme and will need to hand over in a couple of hours to the overnight team.

We normally pre-record between 6 and 9 pm your time and go live on air from 10 pm your time. We could arrange either for a pre-rec or a live - your call. If you are talking about the written response, I would appreciate if you send it through in the next couple of hours.

Best wishes,
Natalia

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: 23 December 2015 16:34
To: Natalia Golysheva
Subject: RE: BBC World Service request for interview

Hello Natalia,

What is your deadline (U.S. Eastern time)

Thank you!

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]
Twitter:@michigandmurray

From: Natalia Golysheva [mailto:Natalia.Golysheva@bbc.co.uk]
Sent: Wednesday, December 23, 2015 10:36 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: BBC World Service request for interview
Importance: High

Hi Dave,

Thank you for your time on the phone.

As discussed, the BBC World Service has run a story yesterday on the Flint water crisis, were we spoke to the local paediatrician who has uncovered the pollution, and a local citizen who has suffered from it. Here is the link to the story http://www.bbc.co.uk/programmes/p03ctmmy
It generated a strong interest and we have decided that it would be fair to give the State authorities the opportunity to respond.

I appreciate what you said about providing us with the written response, but as we are a radio programme, we would really appreciate speaking to a representative, ideally the governor himself. In the absence of a voice from your side, we will have to re-run part of yesterday's coverage to remind the audience of what happened, however we would much rather hear from your office to balance the coverage. I would appreciate if you let me know should that be an option. This won't take more than 5 – 10 minutes and could be done over the phone, ideally between 6 and 10 pm this evening EST.

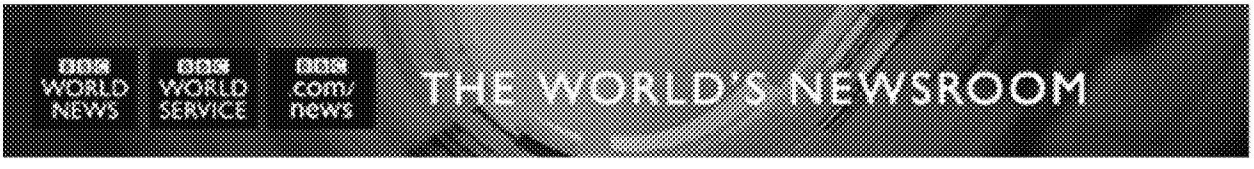
Please be assured that we are not after for an intense defence response or a blaming game. What we are looking for is an account of what happened from the governor's position – as many residents we've been speaking are very angry with the state authorities.

I don't have specific questions as much as a request to hear your take on the story – how did it happen that the residents were effectively poisoned? What is the governor's reaction to the discovery of evidence of ignoring the data about lead poisoning? http://www.huffingtonpost.com/entry/flint-michigan-water-lead_56784055e4b0b958f657595c Finally, many people are calling for governor to resign as a result of this scandal. How does he feel about what happened?

Let me know if you have any further questions.

Many thanks in advance,
Natalia

Natalia Golysheva | @n_golysheva
Producer | BBC World Service
Tel. +44 203 61 44044 – Newsday
Tel. +44 203 61 43900 – World Have Your Say
Tel.+ 44 203 61 44200 – Outside Source



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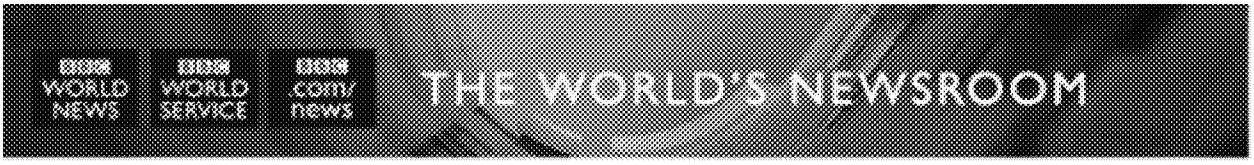
BBC WORLD NEWS
BBC WORLD SERVICE
BBC .com/ news
THE WORLD'S NEWSROOM

From: Minicuci, Angela (DHHS)
Sent: Wednesday, December 23, 2015 1:43 PM
To: Murray, David (GOV); Wurfel, Brad (DEQ); Brown, Jessica (GOV); Kennedy, Jordan (GOV); Holland, Meegan (MDOS)
Cc: Lasher, Geralyn (DHHS); Eisner, Jennifer (DHHS); Quealy, Erica (DHHS)
Subject: Updated Flint Blood Lead Report
Attachments: Flint EBL Data Press Release 122315.docx; Flint Blood Testing Report 23Dec15.docx

Hello everyone,

This afternoon we will be issuing the attached press release about the updated Flint blood lead level report, as well as the report itself.

Of note, this report has changed slightly. Under past reports, people with an age of 5 ½ or 17 ½ were rounded up to be in the 6-17 and 18 and older columns because of the way the data was pulled. They are now under the proper categories so while they may have switched which age bracket they fell into, the total numbers remain the same.

Thank you,

Angela Minicuci
Office of External Relations and Communications
Michigan Department of Health and Human Services
Office: (517) 241-2112
[redacted]
minicucia@michigan.gov
www.michigan.gov/mdhhs

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STATE OF MICHIGAN

RICK SNYDER
GOVERNOR

DEPARTMENT OF HEALTH AND HUMAN SERVICES
LANSING

NICK LYON
DIRECTOR

FOR IMMEDIATE RELEASE
December 23, 2015

CONTACT: Angela Minicuci
(517) 241-2112

Updated summary report on Flint blood lead level data now available

LANSING, Mich. – The Michigan Department of Health and Human Services today issued its bi-weekly summary report on lead testing in Flint. Preliminary data indicate that 43 of 2,182 adults and children tested had elevated blood lead levels since Oct. 1.

"In partnership with the Genesee County Health Department, we are working to engage and provide resources to residents to reduce all potential exposures to lead," said Dr. Eden Wells, MDHHS chief medical executive. "Case management and home lead analysis are available for families in which an elevated blood lead level has been detected."

The first MDHHS summary report on blood lead levels in Flint was issued Dec. 3, 2015. Updated reports are posted on a bi-weekly basis on the www.michigan.gov/flintwater website. After refining our methods to identify age, some people are now counted in a different age group than on previous reports. The total counts for each year have not changed.

The report includes both capillary and venous blood tests, and people who have had multiple tests are counted only once. Tests and their results cover the time since the state action plan was put in place on Oct. 2, and capture the number of elevated blood lead levels greater than 5 micrograms per deciliter.

MDHHS, together with the Genesee County Health Department (GCHD), is working with local partners to distribute educational information around lead testing and prevention. Supplemental state dollars are funding GCHD nurses to work with families when an elevated blood lead level is detected.

Families with an elevated blood lead level can also choose to have a nurse coordinate an environmental health investigation in their home to help identify lead exposures, which could be lead from paint, soil, plumbing, and other sources. Families with questions about their blood lead levels or test results are also encouraged to contact their primary care physician or local health department.

In addition to mandated testing at ages one and two for the Medicaid population, MDHHS is coordinating with its Medicaid health plans and provider communities to recommend blood lead testing for any child younger than six years of age in Flint who has not previously been tested. The state, in coordination with GCHD, developed and issued a Health Alert Network (HAN) notification for local providers to help ensure consistent messaging and protocols among primary care providers.

-MORE-

Free water filters and replacement cartridges are available to Flint residents. For a full list of locations and hours of distribution, or to view the full blood lead level report, visit www.michigan.gov/flintwater. The summary will be updated as more data becomes available.

To help residents properly install water filters, and to demonstrate how to replace the original when it expires, MDHHS has created an instructional video on its YouTube channel. For this and other updates, visit www.michigan.gov/flintwater.

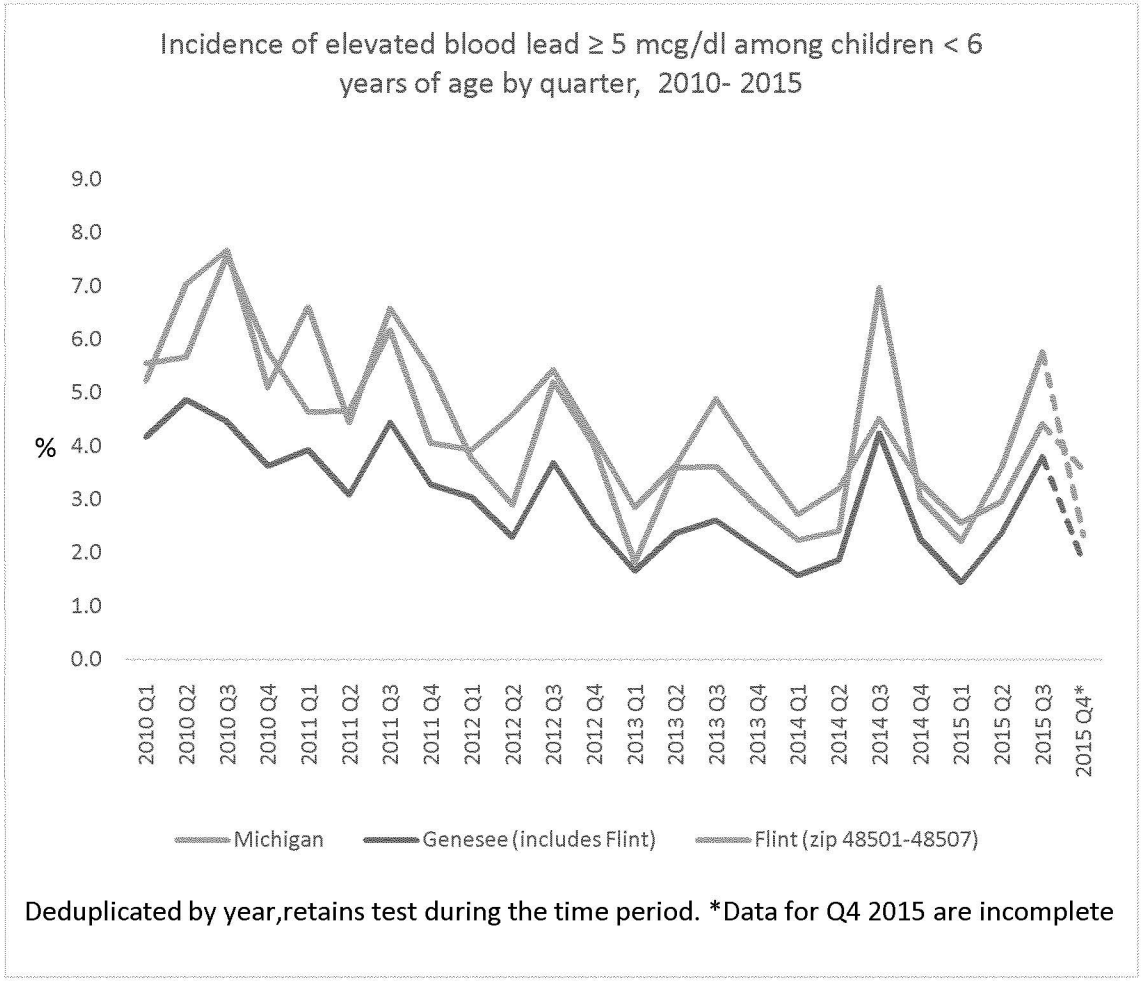
# # #

Michigan Department of Health and Human Services (MDHHS)
Blood Lead Level Test Results for Flint Zip Codes 48501-48507, Genesee County, and the State of Michigan
Summary as of December 18, 2015

Executive Summary

This report is generated by MDHHS to track Blood Lead Level test results in Flint, Michigan.

- Counts on this report include both capillary and venous blood tests. People who have had multiple tests are counted only once per year.
- Since 10/1/2015, an additional 2,182 people have been tested in Flint.
- Continued testing efforts by Genesee County Health Department, MDHHS and local medical personnel have identified 30 children with blood lead levels greater than or equal to 5 mcg/dL (micrograms lead per deciliter of blood) since 10/1/2015.
- 2.3 percent of the children younger than 6 years old tested since 10/1/2015 have had blood lead levels greater than or equal to 5 mcg/dL.
- After refining our methods to identify age, some people are now counted in a different age group than on previous reports. The total counts for each year have not changed.



Deduplicated by year,retains test during the time period. *Data for Q4 2015 are incomplete

	Children younger than 6 Years Old			Children 6 to 17 Years Old		
	Michigan	Genesee County	Flint 48501-48507	Michigan	Genesee County	Flint 48501-48507
Total tested for lead 1/1/2010 to 12/31/2010:	156,014	7,053	3,630	14,729	760	400
Number of test results ≥ 5 mcg/dL 1/1/2010 to 12/31/2010:	9,754	306	230	665	17	12
Total tested for lead from 1/1/2011 to 12/31/2011:	152,333	6,760	3,145	12,959	959	499
Number of test results ≥ 5 mcg/dL 1/1/2011 to 12/31/2011:	7,571	252	182	474	19	13
Total tested for lead 1/1/2012 to 12/31/2012:	149,037	7,152	3,198	12,710	1,259	561
Number of test results ≥ 5 mcg/dL 1/1/2012 to 12/31/2012:	6,832	210	130	351	13	9
Total tested for lead 1/1/2013 to 12/31/2013:	148,400	7,132	3,142	11,428	1,109	505
Number of test results ≥ 5 mcg/dL 1/1/2013 to 12/31/2013:	5,720	158	96	269	7	3
Total tested for lead 1/1/2014 to 12/31/2014:	143,838	6,820	3,102	10,562	788	372
Number of test results ≥ 5 mcg/dL 1/1/2014 to 12/31/2014:	5,051	178	122	285	6	5
Total tested for lead 1/1/2015 to 12/18/2015:	135,132	6,590	3,162	9,762	1,335	906
Number of test results ≥ 5 mcg/dL 1/1/2015 to 12/18/2015:	4,627	158	109	247	10	8
Total tested for lead* 10/1/2015 to 12/18/2015:	27,859	1,701	989	2,449	748	602
Number of test results ≥ 5 mcg/dL 10/1/2015 to 12/18/2015:	987	31	23	65	8	7

** Data for Quarter 4 of 2015 are incomplete and subject to change*

	Adults 18 Years and Older			Total Number of People of All Ages Tested		
	Michigan	Genesee County	Flint 48501-48507	Michigan	Genesee County	Flint 48501-48507
Total tested for lead 1/1/2010 to 12/31/2010:	13,681	588	188	184,424	8,401	4,218
Number of test results ≥ 5 mcg/dL 1/1/2010 to 12/31/2010:	1,459	42	18	11,878	365	260
Total tested for lead 1/1/2011 to 12/31/2011:	13,112	528	132	178,404	8,247	2,726
Number of test results ≥ 5 mcg/dL 1/1/2011 to 12/31/2011:	1,367	43	16	9,412	314	211
Total tested for lead 1/1/2012 to 12/31/2012:	12,914	539	148	174,661	8,950	3,907
Number of test results ≥ 5 mcg/dL 1/1/2012 to 12/31/2012:	1,414	33	11	8,597	256	150
Total tested for lead 1/1/2013 to 12/31/2013:	12,081	484	132	171,909	8,725	3,779
Number of test results ≥ 5 mcg/dL 1/1/2013 to 12/31/2013:	1,499	54	16	7,488	219	115
Total tested for lead 1/1/2014 to 12/31/2014:	12,574	436	111	166,974	8,044	3,585
Number of test results ≥ 5 mcg/dL 1/1/2014 to 12/31/2014:	1,420	44	12	6,756	228	139
Total tested for lead 1/1/2015 to 11/13/2015:	13,009	1,134	720	157,903	9,059	4,788
Number of test results ≥ 5 mcg/dL 1/1/2015 to 11/13/2015:	1,336	46	19	6,210	214	136
Total tested for lead* 10/1/2015 to 11/13/2015:	3,143	769	591	33,451	3,218	2,182
Number of test results ≥ 5 mcg/dL 10/1/2015 to 11/13/2015:	323	22	13	1,375	61	43

** Data for Quarter 4 of 2015 are incomplete and subject to change*

	A
1	Data were drawn from the MDHHS datawarehouse based on specimen date.
2	Data in this work book were created using the SAS Code outlined below. Code was modified to create datasets for each year.
3	Deduplication occurred for the time period of the year and at the state level.
4	Highest positive Venous test is retained, if no venous test, highest capillary test is retained, then highest test of unknown type.
5	Age is calculated using date subtraction method to align with the Lead Prevention program data. Previous results used INTCK function to potentially align with Medicaid or other claims data.
6	SAS Code
7	libname pb 'T:\MCH Vital Records Data\Genesee Lead'; *Secured folder accessable only by Patti, Yan, Sarah R, and Cristin;
8	
9	options fmtsearch = (pb) NOFMTERR;
10	
11	/*Michigan Lead Data from 01/01/2015 to 12/18/2015*/
12	
13	Data mi2015;
14	Set pb.mi20151218;
15	run; *n=170218;
16	
17	data mi2015;
18	set mi2015;
19	format Specimen_date MMDDYY10.;
20	format date_reported MMDDYY10.;
21	
22	Interval=intck('day',Specimen_date, date_reported);
23	
24	If '01jan2015'd<=specimen_date <='31mar2015'd then Quarter='Q1';
25	else if '01apr2015'd<=specimen_date <='30jun2015'd then Quarter='Q2';
26	else if '01jul2015'd<=specimen_date <='30sep2015'd then Quarter='Q3';
27	else if '01oct2015'd<=specimen_date <='31dec2015'd then Quarter='Q4';
28	
29	/*Age=intck('year',DATE_OF_BIRTH,Specimen_date);*/
30	
31	Age=(Specimen_date-DATE_OF_BIRTH)/365.25;
32	
33	if age=. then age_grp=' ';
34	else if age<6 then age_grp='1) <6 years';
35	else if age<18 then age_grp='2) 6 to 17 years';
36	else if age>=18 then age_grp='3) 18 + years';
37	
38	IF PB_RESULT =. THEN PB2 = ' ';
39	ELSE IF PB_RESULT < 5 THEN PB2 = '1) <5 ';
40	ELSE IF PB_RESULT >= 5 THEN PB2 = '2) >=5';
41	

```
IF PB_RESULT =.       THEN PB4 = '        ';
ELSE IF PB_RESULT < 5  THEN PB4 = '1) <5   ';
ELSE IF PB_RESULT <15  THEN PB4 = '2) 5-14 ';
ELSE IF PB_RESULT <45  THEN PB4 = '3) 15-44';
ELSE IF PB_RESULT >=45 THEN PB4 = '4) 45+  ';

if sample_type in ('C' 'c') then sampletype='Capillary';
else if sample_type in ('V' 'v') then sampletype='Venous';
run;

/*create dataset dup with duplicate lead test results*/

proc sql;
create table dup as

select child_id, specimen_date, date_reported,pb_result, sampletype, age_grp, PB2, PB4, patient_zip_code,quarter,county, count(*) as dupidno
from mi2015
group by  CHILD_ID
having count(*)>1;
*N =23055;

/*create dataset nodup with no duplicate lead test results*/

proc sql;
create table nodup as

select child_id, specimen_date, date_reported,pb_result, sampletype, age_grp, PB2, PB4, patient_zip_code, quarter, county,count(*) as dupidno
from mi2015
group by  CHILD_ID
having count(*)=1;
*N =147163;

/*sort dataset dup by descending dupidno, child_id,  sampletype, pb_result, specimen_date, date_reported*/

proc sort data=dup out=dup2; by descending dupidno child_id  sampletype pb_result specimen_date date_reported; run;
*N =23055;

/*Choose the last observation for each child_id from the sorted dataset, this lead test result is the highest value among all tested*/

data dup3;
set dup2;
by descending dupidno child_id  sampletype pb_result specimen_date date_reported;
```

	A
82	if last.child_ID then output;
83	run;
84	*N=10740;
85	
86	/*combine dataset nodup and sorted dup dataset*/
87	
88	data mi2015_;
89	set nodup dup3;
90	run; *n =157903;

<<AUTODATE >>

	A	B	C	D	E
1	**Table 1. Incidence of elevated blood lead ≥ 5 mcg/dl among children < 6 years of age by quarter, 2010- 2015**				
2					
3		**Michigan**			
4	Quarter	Tested	≥5	%	
5					
6	2010 Q1	35084	1948	5.55	
7	2010 Q2	38377	2176	5.67	
8	2010 Q3	47957	3633	7.58	
9	2010 Q4	34596	1997	5.77	
10	2011 Q1	34229	1588	4.64	
11	2011 Q2	37654	1754	4.66	
12	2011 Q3	45643	2816	6.17	
13	2011 Q4	34807	1413	4.06	
14	2012 Q1	34624	1359	3.93	
15	2012 Q2	36462	1674	4.59	
16	2012 Q3	43718	2372	5.43	
17	2012 Q4	34233	1427	4.17	
18	2013 Q1	33788	964	2.85	
19	2013 Q2	37037	1349	3.64	
20	2013 Q3	44115	2157	4.89	
21	2013 Q4	33460	1250	3.74	
22	2014 Q1	32587	887	2.72	
23	2014 Q2	36514	1172	3.21	
24	2014 Q3	42940	1941	4.52	
25	2014 Q4	31797	1051	3.31	
26	2015 Q1	31592	811	2.57	
27	2015 Q2	35000	1034	2.95	
28	2015 Q3	40681	1795	4.41	
29	2015 Q4*	27859	987	3.54	

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	F	G	H	I	J	K	L	M	N	O
1										
2										
3	**Genesee (includes Flint)**				**Flint (zip 48501-48507)**					
4	Tested	≥5	%		Tested	≥5	%			
5										
6	1896	79	4.17		1071	56	5.23			
7	1893	92	4.86		953	67	7.03			
8	1998	89	4.45		978	75	7.67			
9	1266	46	3.63		628	32	5.10			
10	1348	53	3.93		636	42	6.60			
11	1684	52	3.09		765	34	4.44			
12	2112	94	4.45		987	65	6.59			
13	1616	53	3.28		757	41	5.42			
14	1643	50	3.04		717	27	3.77			
15	1788	41	2.29		759	22	2.90			
16	2144	79	3.68		1000	52	5.20			
17	1577	40	2.54		722	29	4.02			
18	1567	26	1.66		661	12	1.82			
19	1903	45	2.36		806	29	3.60			
20	2028	53	2.61		911	33	3.62			
21	1634	34	2.08		764	22	2.88			
22	1642	26	1.58		715	16	2.24			
23	1665	31	1.86		750	18	2.40			
24	2096	89	4.25		976	68	6.97			
25	1417	32	2.26		661	20	3.03			
26	1523	22	1.44		679	15	2.21			
27	1604	38	2.37		696	25	3.59			
28	1762	67	3.80		798	46	5.76			
29	1701	31	1.82		989	23	2.33			

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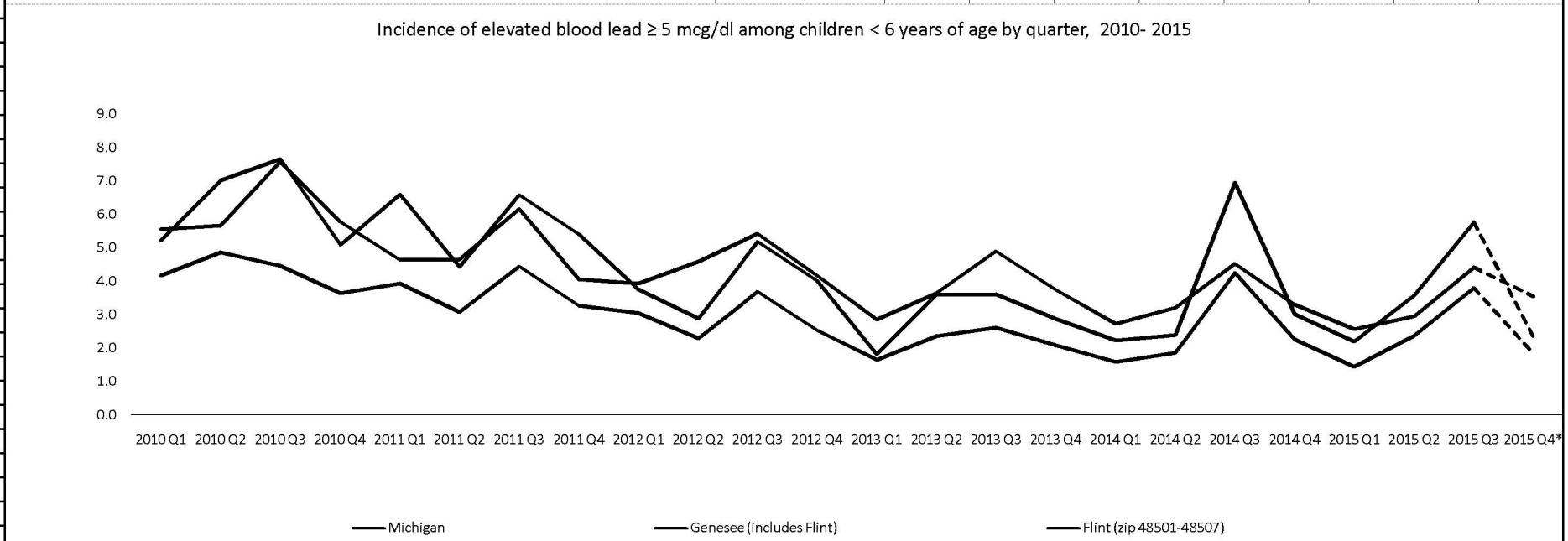

plicated by year,retains test during the time period. *Data for Q4 2015 are incomplete

Note: Removing duplicates based on year may underestimate the true incidence.

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27	
28	
29	

<<AUTODATE >>

	A	B	C	D	E
1	**Table 2. Incidence of elevated blood lead ≥ 5 mcg/dl among children 6-17 years of age by quarter, 2010- 2015**				
2					
3		**Michigan**			
4	Quarter	Tested	≥5	%	
5					
6	2010 Q1	3489	145	4.16	
7	2010 Q2	3354	144	4.29	
8	2010 Q3	4436	215	4.85	
9	2010 Q4	3450	161	4.67	
10	2011 Q1	3010	128	4.25	
11	2011 Q2	2912	114	3.91	
12	2011 Q3	4174	164	3.93	
13	2011 Q4	2863	68	2.38	
14	2012 Q1	3051	85	2.79	
15	2012 Q2	2957	84	2.84	
16	2012 Q3	3948	115	2.91	
17	2012 Q4	2754	67	2.43	
18	2013 Q1	2671	53	1.98	
19	2013 Q2	2671	54	2.02	
20	2013 Q3	3605	111	3.08	
21	2013 Q4	2481	51	2.06	
22	2014 Q1	2503	73	2.92	
23	2014 Q2	2456	50	2.04	
24	2014 Q3	3335	97	2.91	
25	2014 Q4	2268	65	2.87	
26	2015 Q1	2048	44	2.15	
27	2015 Q2	2225	48	2.16	
28	2015 Q3	3040	90	2.96	
29	2015 Q4*	2449	65	2.65	

<<AUTODATE >>

	F	G	H	I	J	K	L
1							
2							
3	**Genesee (includes Flint)**				**Flint (zip 48501-48507)**		
4	Tested	≥5	%		Tested	≥5	%
5							
6	174	1	0.57		91	0	0.00
7	165	6	3.64		90	6	6.67
8	218	7	3.21		113	4	3.54
9	203	3	1.48		106	2	1.89
10	193	6	3.11		108	5	4.63
11	181	3	1.66		105	2	1.90
12	315	7	2.22		147	3	2.04
13	270	3	1.11		139	3	2.16
14	241	1	0.41		110	1	0.91
15	281	8	2.85		132	5	3.79
16	411	2	0.49		173	1	0.58
17	326	2	0.61		146	2	1.37
18	278	3	1.08		126	0	0.00
19	271	1	0.37		136	1	0.74
20	345	3	0.87		137	2	1.46
21	215	0	0.00		106	0	0.00
22	168	0	0.00		75	0	0.00
23	211	0	0.00		81	0	0.00
24	246	5	2.03		136	4	2.94
25	163	1	0.61		80	1	1.25
26	155	1	0.65		82	0	0.00
27	186	0	0.00		87	0	0.00
28	246	1	0.41		135	1	0.74
29	748	8	1.07		602	7	1.16

<<AUTODATE >>

	A	B	C	D	E	F	G	H
1	**Table 3. Incidence of elevated blood lead ≥ 5 mcg/dl among adults by quarter, 2010- 2015**							
2								
3		**Michigan**				**Genesee (includes Flint)**		
4	Quarter	Tested	≥5	%		Tested	≥5	%
5								
6	2010 Q1	3447	404	11.72		158	11	6.96
7	2010 Q2	3569	351	9.83		157	10	6.37
8	2010 Q3	3325	329	9.89		137	9	6.57
9	2010 Q4	3340	375	11.23		136	12	8.82
10	2011 Q1	3719	370	9.95		137	10	7.30
11	2011 Q2	3286	323	9.83		138	10	7.25
12	2011 Q3	3173	330	10.40		137	11	8.03
13	2011 Q4	2934	344	11.72		116	12	10.34
14	2012 Q1	3771	500	13.26		141	10	7.09
15	2012 Q2	3195	315	9.86		139	7	5.04
16	2012 Q3	2963	290	9.79		124	10	8.06
17	2012 Q4	2985	309	10.35		135	6	4.44
18	2013 Q1	3021	335	11.09		99	11	11.11
19	2013 Q2	3235	454	14.03		147	18	12.24
20	2013 Q3	2846	349	12.26		111	8	7.21
21	2013 Q4	2979	361	12.12		127	17	13.39
22	2014 Q1	2976	359	12.06		109	10	9.17
23	2014 Q2	3272	425	12.99		117	12	10.26
24	2014 Q3	3047	285	9.35		107	14	13.08
25	2014 Q4	3279	351	10.70		103	8	7.77
26	2015 Q1	3157	287	9.09		102	13	12.75
27	2015 Q2	3374	406	12.03		98	3	3.06
28	2015 Q3	3335	320	9.60		165	8	4.85
29	2015 Q4*	3143	323	10.28		769	22	2.86

	I	J	K	L
1				
2				
3		**Flint (zip 48501-48507)**		
4		Tested	≥5	%
5				
6		41	3	7.32
7		56	6	10.71
8		39	2	5.13
9		52	7	13.46
10		36	4	11.11
11		39	2	5.13
12		32	5	15.63
13		25	5	20.00
14		40	4	10.00
15		35	3	8.57
16		37	1	2.70
17		36	3	8.33
18		30	3	10.00
19		41	8	19.51
20		33	3	9.09
21		28	2	7.14
22		32	3	9.38
23		24	4	16.67
24		32	4	12.50
25		23	1	4.35
26		20	2	10.00
27		30	0	0.00
28		79	4	5.06
29		591	13	2.20

<<AUTODATE >>

	A	B	C	D	E	F	G	H	I
1	**Table 4. Incidence of elevated blood lead ≥ 5 mcg/dl by quarter, 2010- 2015**								
2									
3		**Michigan**				**Genesee (includes Flint)**			
4	Quarter	Tested	≥5	%		Tested	≥5	%	
5									
6	2010 Q1	42020	2497	5.94		2228	91	4.08	
7	2010 Q2	45300	2671	5.9		2215	108	4.88	
8	2010 Q3	55718	4177	7.5		2353	105	4.46	
9	2010 Q4	41386	2533	6.12		1605	61	3.8	
10	2011 Q1	40958	2086	5.09		1678	69	4.11	
11	2011 Q2	43852	2191	5		2003	65	3.25	
12	2011 Q3	52990	3310	6.25		2564	112	4.37	
13	2011 Q4	40604	1825	4.49		2002	68	3.4	
14	2012 Q1	41446	1944	4.69		2025	61	3.01	
15	2012 Q2	42614	2073	4.86		2208	56	2.54	
16	2012 Q3	50629	2777	5.48		2679	91	3.4	
17	2012 Q4	39972	1803	4.51		2038	48	2.36	
18	2013 Q1	39480	1352	3.42		1944	40	2.06	
19	2013 Q2	42943	1857	4.32		2321	64	2.76	
20	2013 Q3	50566	2617	5.18		2484	64	2.48	
21	2013 Q4	38920	1662	4.27		1976	51	2.58	
22	2014 Q1	38066	1319	3.47		1919	36	1.88	
23	2014 Q2	42242	1647	3.9		1993	43	2.16	
24	2014 Q3	49322	2323	4.71		2449	108	4.41	
25	2014 Q4	37344	1467	3.93		1683	41	2.44	
26	2015 Q1	36797	1142	3.10		1780	36	2.02	
27	2015 Q2	40599	1488	3.67		1888	41	2.17	
28	2015 Q3	47056	2205	4.69		2173	76	3.50	
29	2015 Q4*	33451	1375	4.11		3218	61	1.90	

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	J	K	L
1			
2			
3	**Flint (zip 48501-48507)**		
4	Tested	≥5	%
5			
6	1203	59	4.9
7	1099	79	7.19
8	1130	81	7.17
9	786	41	5.22
10	780	51	6.54
11	909	38	4.18
12	116	73	6.26
13	921	49	5.32
14	867	32	3.69
15	926	30	3.24
16	1210	54	4.46
17	904	34	3.76
18	817	15	1.84
19	983	38	3.87
20	1081	38	3.52
21	898	24	2.67
22	822	19	2.31
23	855	22	2.57
24	1144	76	6.64
25	764	22	2.88
26	781	17	2.18
27	813	25	3.08
28	1012	51	5.04
29	2182	43	1.97

From: Wyant, Dan (DEQ)
Sent: Wednesday, December 23, 2015 2:01 PM
To: Baird, Richard (GOV); Hollins, Harvey (GOV); Murray, David (GOV)
Cc: Anderson, Madhu (DEQ); Sygo, Jim (DEQ); Krisztian, George (DEQ); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Pallone, Maggie (DEQ)
Subject: Fwd: DRAFT - Auditor General Letter - City of Flint Drinking Water
Attachments: Auditor General Letter - City of Flint Drinking Water.pdf; ATT00001.htm

FYI

Sent from my iPhone

Begin forwarded message:

> **From:** "MI_Office_of_the_Auditor_General" <mi_auditor_general@audgen.michigan.gov>
> **To:** "Wyant, Dan (DEQ)" <WyantD@michigan.gov>
> **Cc:** "Sygo, Jim (DEQ)" <SygoJ@michigan.gov>, "Ringler, Doug (OAG)" <dringler@audgen.michigan.gov>, "Hirst, Laura (OAG)" <LHirst@audgen.michigan.gov>
> **Subject: DRAFT - Auditor General Letter - City of Flint Drinking Water**
>
> Director Wyant,
>
> Attached is a draft of the letter we intend to send to Senator Ananich by close of business today, December 23. You will note that we made some changes based on information we obtained at the December 18 meeting. We keep this document confidential. We will copy you on the version we send to the Senator.
>
> Take care. Doug.

OAG
Office of the Auditor General
Doug A. Ringler, CPA, CIA
Auditor General
201 N. Washington Square, Sixth Floor • Lansing, Michigan 48913 • Phone: (517) 334-8050 • www.audgen.michigan.gov

DRAFT

December 23, 2015

The Honorable Jim Ananich
Senate Minority Leader
State Capitol, Room S-105
Lansing, Michigan

Dear Senator Ananich:

Enclosed are answers to the questions you posed in your October 20, 2015 letter to our office regarding the audit we are conducting of the Office of Drinking Water and Municipal Assistance (ODWMA), Department of Environmental Quality (DEQ), specific to lead contamination in the City of Flint's drinking water. Also enclosed are additional questions we developed that are relevant to these issues, along with five exhibits:

- A map showing Flint water samples by zip code.
- A map showing lead counts of 5 parts per billion or higher.
- Two charts showing the number of samples by time period and zip code.
- A time line of the Flint water review.

We appreciate the opportunity to assist you in answering questions regarding this topic. If you have further questions or a request for other services, please do not hesitate to contact our office.

Sincerely,

Doug Ringler
Auditor General

Enclosures

Q1: How does ODWMA ensure the data it receives is accurate?

A: With regard to the United States Environmental Protection Agency (EPA) Lead and Copper Rule (LCR) monitoring requirements, DEQ relies on the following key controls to ensure the accuracy of test results:

- State-owned laboratories test water samples.
- State-owned laboratories send test results directly to DEQ.
- The City of Flint Water Treatment Plant (Flint WTP) certifies whether sample sites are classified as tier 1*.

The current Flint WTP LCR sampling process includes:

1. DEQ informs the Flint WTP of the required water lead and copper sample size.
2. The Flint WTP determines the pool of tier 1 sites for sampling.
3. The Flint WTP selects the sample.
4. The Flint WTP sends out sample kits and instructions to residents for collecting water samples.
5. Residents leave samples and signed sampling forms outside their front doors.
6. The Flint WTP employee picks up samples and forms from residents.
7. The Flint WTP employee reviews sample forms for completeness.
8. The Flint WTP employee sends samples to the State-owned laboratories.
9. State-owned laboratories test samples and provide results directly to DEQ.
10. DEQ receives water lead and copper sample results, which include the following information: date collected, date received, address where collected, type of residence (e.g., single family or apartment), and sample point (e.g., kitchen sink or bathroom sink).
11. DEQ tracks, and follows up if necessary, the number of samples collected by the Flint WTP to help ensure that the required minimum number of samples are collected by the monitoring period deadline.

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* Single-family or multiple-family residence with lead service line, lead solder copper piping constructed after 1982, or lead plumbing.

12. The Flint WTP submits lead and copper report to DEQ that certifies whether sample sites meet tier 1 criteria.

13. DEQ prepares the LCR 90th percentile calculation report.

During our review, we noted two potential improvements for the Flint WTP sampling process (see Question 5 of the additional questions answered by the OAG regarding tier 1 sample validity):

- DEQ could verify that the sampling pool was limited to only tier 1 sample sites to ensure that the Flint WTP is in compliance with the LCR (Title 40, Part 141, section 86(a)(3) of the *Code of Federal Regulations* [*CFR*]).

- DEQ could independently verify the validity of sample site certifications.

Q2: What accountability measures are in place for ODWMA staff who fail to follow data verification protocols?

A: DEQ does not provide any direct oversight over the Flint WTP and, therefore, does not have any accountability measures over the Flint WTP's LCR data verification protocols. DEQ's data verification protocol for lead and copper water sampling is limited to verification that the WTP certifies samples submitted to the State-owned laboratories for analysis (see steps 7 and 12 in the Flint WTP LCR sampling process noted in Question 1 above). We did not identify any instances in which ODWMA staff failed to verify that submitted samples were certified by the Flint WTP.

Q3: What accountability measures are in place for ODWMA staff who lie or misrepresent information to the EPA?

A: As with all classified employees, ODWMA staff must adhere to the rules and regulations established by the Michigan Civil Service Commission. If any ODWMA staff were determined to misrepresent information to the EPA, they would be subject to Civil Service Rule 2-6, Discipline, which allows an appointing authority to discipline an employee for just cause up to and including dismissal. We are not aware of any DEQ-established measures that are in addition to the Civil Service Rules.

We gained access to the e-mail accounts of key DEQ management (DEQ Director, Deputy Director, ODWMA Chief, and other key ODWMA staff) extending back to January 1, 2013. We did so to identify the key decision points and conversations that occurred leading up to and through the situation in Flint. Our review was also intended to determine whether State, Flint, or other officials attempted to conceal key test results or other information.

We noted one e-mail exchange between DEQ and the EPA that appears to be a significant contributor to the concern that DEQ misrepresented information to the EPA. The EPA requested clarification on February 26, 2015 regarding the type of optimized corrosion control **treatment** the Flint WTP was using. DEQ responded on February 27, 2015 that the city had an optimized corrosion control **program** in place, but DEQ did not provide any program details. DEQ informed us that the Flint WTP corrosion control **program** included performing

lead and copper monitoring for two consecutive six-month periods to determine whether corrosion control **treatment** would be necessary in the future. However, it appears the EPA interpreted corrosion control **program** to mean that corrosion control **treatment** was being performed.

On April 23, 2015, the EPA again inquired as to what the Flint WTP was doing for corrosion control **treatment**. DEQ responded on April 24, 2015 that the Flint WTP was not practicing corrosion control **treatment**.

Based on our review of this and other e-mails, we have no specific reason to believe that DEQ willfully misrepresented the information to the EPA.

Q4: What policies do DEQ and ODWMA have in place to escalate major infractions up the chain of command?

A: We did not note any instances of major infractions (i.e., intentional disregard of policies, laws, regulations or specific directions) committed by DEQ staff during the course of our review. DEQ does not have a formal policy or procedure in place to escalate major infractions performed by ODWMA employees; however, our review of DEQ correspondence confirmed the escalation of key issues up the chain of command related to the Flint situation. DEQ stated that its informal policy is for staff to notify the proper level of management of infractions to determine necessary action.

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Application of the LCR

Q1: How did the Flint WTP become the primary water supplier for the City of Flint?

A: Upon notification of the City of Flint's plans to switch to the Karegnondi Water Authority (KWA) in April 2013, the Detroit Water and Sewerage Department (DWSD) submitted a letter to the City of Flint stating that it would terminate its agreement to provide water services on April 17, 2014.

According to DEQ management, the Flint WTP attempted to negotiate with the DWSD to maintain it as the City of Flint water supplier; however, after negotiations were unsuccessful, the City of Flint notified DEQ through a permit request of its intent to operate the Flint WTP full time using the Flint River. Although the Flint City Council voted in March 2013 in support of moving to the KWA pipeline, the vote was silent on the use of the Flint River as a temporary drinking water source.

The Flint River was approved by DEQ in 2006 as a backup source of water for emergency purposes prior to the switch from the DWSD WTP to the Flint WTP. On a quarterly basis, the Flint WTP tested the treated Flint River water at the Flint WTP, which met water quality standards; however, the Flint WTP did not test the water's effect on the distribution system at consumer tap locations.

Q2. Did DEQ consult with the EPA prior to determining how to apply the LCR?

A: DEQ did not consult with the EPA on how to apply the LCR prior to implementing two consecutive six-month monitoring periods of the Flint WTP beginning July 1, 2014. Based on past experiences applying the LCR monitoring requirements, DEQ believed that it had appropriately applied the LCR requirements of a large water system.

Q3: When Flint switched to the Flint River water source, should corrosion control treatment have been maintained?

A: We believe that corrosion control treatment should have been maintained.

According to the LCR, a water system can achieve optimized corrosion control if it submits results of tap water monitoring for two consecutive six-month monitoring periods with acceptable lead levels. However, a water system that has optimized corrosion control, and which has treatment in place, should continue to operate and maintain optimal corrosion control treatment.

DEQ staff explained that they did not treat the switch to Flint River water as a new system, but as a new source. DEQ further stated that because the Flint River was a new water source and there was a change in chemicals needed to treat the new source, a corrosion control study was needed to determine the impact on the water distribution system. Therefore, it was DEQ's interpretation that two rounds of six-month monitoring were still needed to evaluate the water quality and determine optimal corrosion control treatment.

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The Flint water system had optimal corrosion control treatment when the DWSD WTP was the water supplier. Based on our review of notes from a July 21, 2015 EPA and DEQ conference call on DEQ's implementation of the LCR regarding whether the Flint WTP should have continued to maintain corrosion control treatment, it appeared that the EPA did not agree with DEQ's interpretation of the LCR. Region 5 EPA staff explained that they would talk to the EPA headquarters about the interpretation of regulations and believes that systems that have been deemed optimized need to "maintain" corrosion control. The Region agreed to provide supporting regulatory citations for the language about maintaining corrosion control.

On November 3, 2015, the EPA issued a memorandum stating that the LCR had differing possible interpretations; however, the EPA concluded that it is important for large water systems to take the steps necessary to ensure that appropriate corrosion control treatment is maintained at all times, thus ensuring that public health is protected. Based on this clarification, it appears that corrosion control treatment should have been maintained.

Q4: Should DEQ have required the Flint WTP to start pursuing optimized corrosion control treatment after the first round of six-month sampling results were above the lead action level of 5 parts per billion (ppb)?

A: Yes. According to DEQ's application of the LCR, within six months after the end of the monitoring period in which the water sample results exceeded the acceptable lead level, DEQ should have required the Flint WTP to start pursuing optimized corrosion control treatment.

The LCR states that the lead action level is exceeded if the lead level, as determined by the 90th percentile calculation, is greater than 15 ppb. If the lead action level is exceeded, water systems are required to take additional actions including educating the public about lead in drinking water as well as commencing lead service line replacement if the water system has already installed corrosion control and/or source water treatment. However, for water systems that have not yet implemented corrosion control treatment, they can be deemed to have optimized corrosion control without installing treatment if they can demonstrate lead levels below 5 ppb for two consecutive six-month periods.

The first round of six-month sampling results was received in late March 2015. Because the results were 1 ppb over the lead action level of 5 ppb, DEQ would not be able to achieve two consecutive six-month periods below 5 ppb. Therefore, DEQ should have notified the Flint WTP to start pursuing optimized corrosion control treatment. However, DEQ waited until the second round of sampling was completed (June 30, 2015) to assess whether water sample results improved.

Water Samples

Q5: Did DEQ verify that only tier 1 sample sites were selected by the Flint WTP in the two rounds of six-month samples?

A: DEQ did not verify that only tier 1 sample sites were selected. DEQ relies on the Flint WTP's certification of sample sites and does not perform any independent verification of those certifications.

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In a November 19, 2015 *Flint Journal* article, the Flint WTP indicated that it did not have the ability to ensure that all sites were tier 1. In fact, water samples came from the random distribution of 175 testing bottles without regard for whether the homes were at risk for high lead levels. DEQ issued a formal memorandum on November 9, 2015 requesting that the Flint WTP verify the classification of all prior sample items. The results are due back from the Flint WTP on December 30, 2015.

Q6: DEQ dropped two water sampling sites from its second six-month sample (January 1, 2015 through June 30, 2015). Was this appropriate?

A: Yes, it was appropriate for DEQ to drop these two water sampling sites. Federal regulation 40 *CFR* 141.86(a) states:

> ". . . each water system shall complete a materials evaluation of its distribution system in order to identify a pool of targeted sampling sites that meets the requirements of this section . . . All sites from which first draw samples are collected shall be selected from this pool . . . Sampling sites may not include faucets that have point-of-use or point-of-entry treatment devices designed to remove inorganic contaminants."

This regulation also requires that a water system's targeted sampling pool consist of only tier 1 sampling sites if an adequate number is available to meet monitoring requirements.

According to federal regulation 40 *CFR* 141.86(f), the State may invalidate a water sample if it determines that the sample was taken from a site that did not meet the site selection criteria. A sample invalidated per this regulation does not count toward determining lead or copper 90th percentile levels or toward meeting the minimum monitoring requirements.

DEQ dropped one water sample site from its 90th percentile calculations because the site was from a business that does not meet the tier 1 requirements of being a single-family or multiple-family residence. The second sample site was dropped because the home had a point-of-entry treatment device to filter contaminants. Based on the criteria specified above, it appears that DEQ's rationale for dropping the samples from these two sites appropriately met the requirements for invalidating samples per federal regulation 40 *CFR* 141.86.

Q7: Was flushing of the taps the night before drawing a sample an appropriate sample methodology?

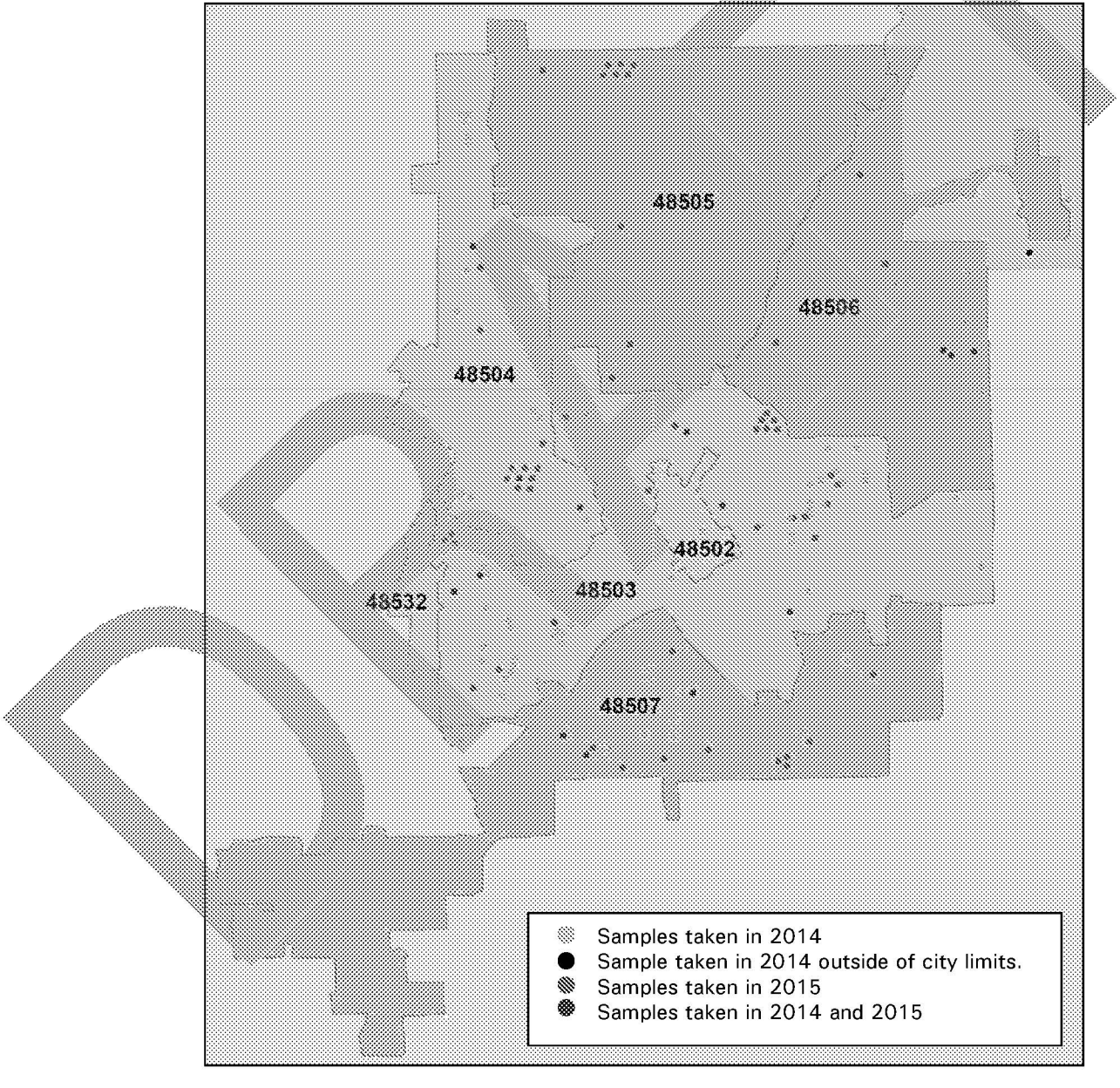
A: Yes. The LCR requires that samples be a first draw of water after six hours of stagnation. The LCR does not indicate whether or not the water line should be flushed prior to collecting the sample. In the sample instructions, DEQ required preflushing to ensure that sampled faucets were not stagnant for an excessive period of time beyond the targeted six hours (e.g., rarely used faucets or when a homeowner has been gone for an extended period of time.)

The LCR requires six hours of stagnation; however, it does not preclude DEQ from instructing residents to flush prior to stagnation.

Flint WTP 2014 and 2015 Sample Locations (Exhibit #1)

In calendar year 1992, the Flint WTP established a tier 1 sample site pool for LCR monitoring. With the change to the Flint River water, the Flint WTP needed to increase the pool of sample locations because of additional sampling requirements. The following exhibit documents the 2014 and 2015 sample locations for LCR monitoring. Based on the data obtained during our review, we could not determine how the locations were selected or whether they were properly classified as tier 1 sample sites.

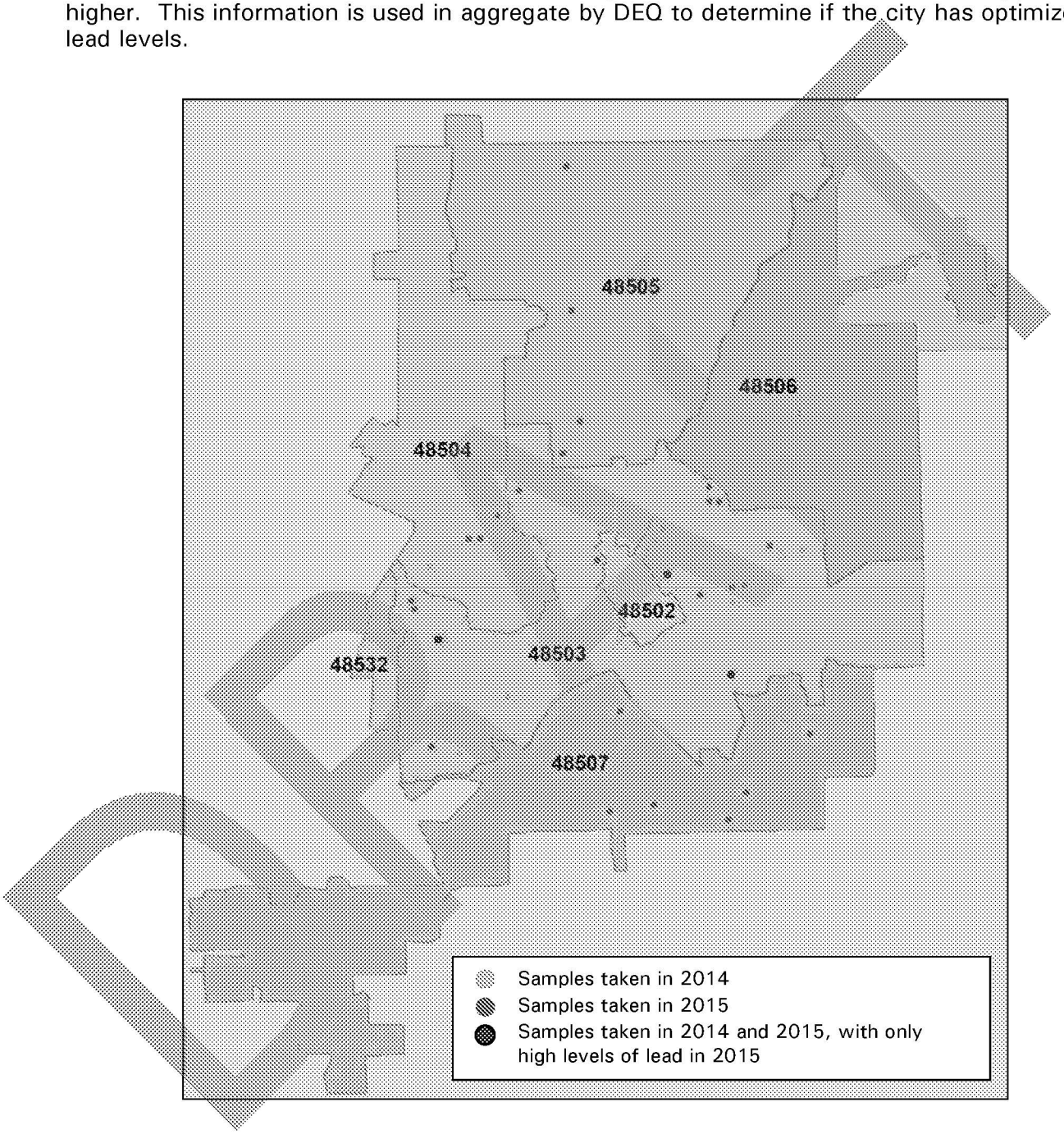
As noted in Question 5 of the additional questions answered by the OAG, DEQ has requested the Flint WTP to verify the tier 1 classification of all prior sample items.



Source: The OAG prepared this map using data obtained from DEQ and ©OpenStreetMap contributors (opendatacommons.org). The sample locations are approximate.

Flint WTP 2014 and 2015 Sample Locations With Lead Counts of 5 Parts Per Billion or Higher (Exhibit #2)

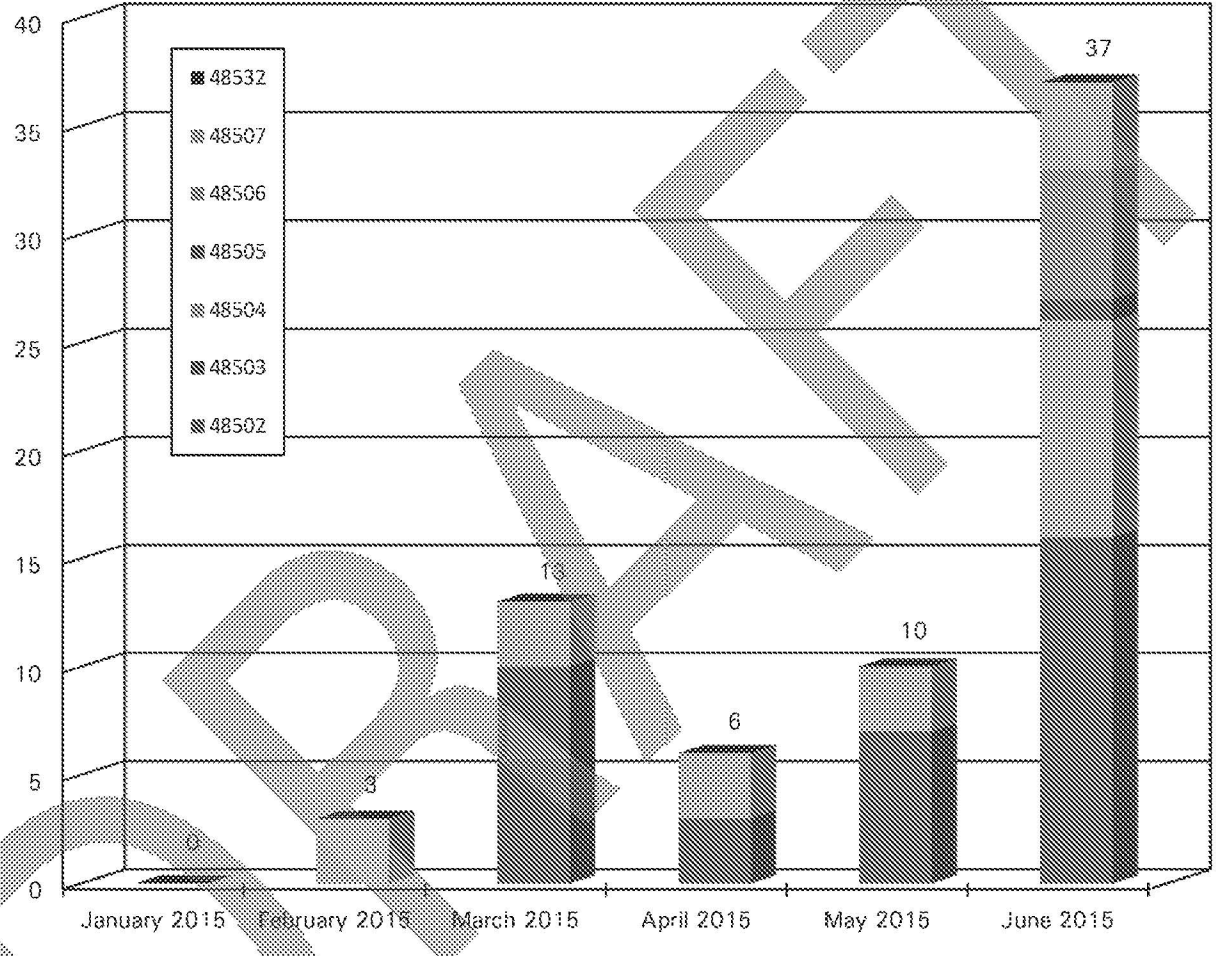
This exhibit documents the 2014 and 2015 sample locations with lead counts of 5 ppb or higher. This information is used in aggregate by DEQ to determine if the city has optimized lead levels.



Source: The OAG prepared this map using data obtained from DEQ and ©OpenStreetMap contributors (opendatacommons.org). The sample locations are approximate.

Flint WTP 2015 Number of Samples by Time Period and Zip Code (Exhibit #3)

This chart expands on Exhibit #1 to show a summary by zip code and time of selection within the sampling period. Based on the data obtained during our review, we could not determine if the lateness of selection within the monitoring period affected the appropriateness of the sample items.



Source: The OAG prepared this chart using data obtained from DEQ.

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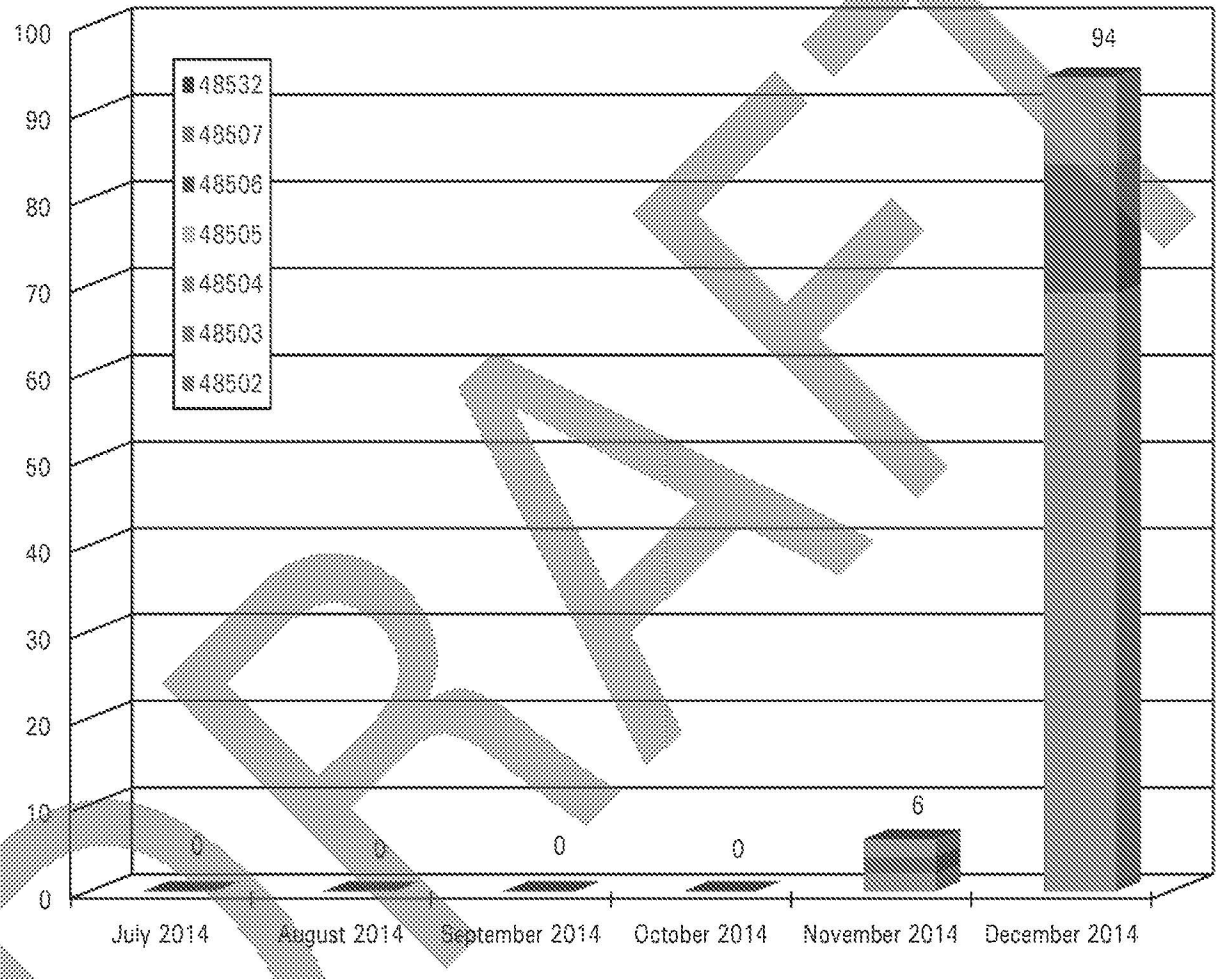
Flint WTP 2014 Number of Samples by Time Period and Zip Code (Exhibit #4)

This chart expands on Exhibit #1 to show a summary by zip code and time of selection within the sampling period. Based on the data obtained during our review, we could not determine if the lateness of selection within the monitoring period affected the appropriateness of the sample items.



DRAFT

Source: The OAG prepared this chart using data obtained from DEQ.

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2013 | 2014 | 2015

DRAFT

Source: The OAG prepared this time line using data (e-mails, meeting notes, and letters) obtained from DEQ, newspaper and press release articles, the Flintwaterstudy.org, and the Hurley Medical Center survey results.

From: Murray, David (GOV)
Sent: Wednesday, December 23, 2015 2:04 PM
To: Holland, Meegan (GOV)
Subject: FW: DRAFT - Auditor General Letter - City of Flint Drinking Water
Attachments: Auditor General Letter - City of Flint Drinking Water.pdf; ATT00001.htm

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]
Twitter:@michigandmurray

From: Wyant, Dan (DEQ)
Sent: Wednesday, December 23, 2015 2:01 PM
To: Baird, Richard (GOV) <bairdr@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Anderson, Madhu (DEQ) <AndersonM30@michigan.gov>; Sygo, Jim (DEQ) <SygoJ@michigan.gov>; Krisztian, George (DEQ) <krisztiang@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Pallone, Maggie (DEQ) <PalloneM@michigan.gov>
Subject: Fwd: DRAFT - Auditor General Letter - City of Flint Drinking Water

FYI

Sent from my iPhone

Begin forwarded message:

> **From:** "MI_Office_of_the_Auditor_General" <mi_auditor_general@audgen.michigan.gov>
> **To:** "Wyant, Dan (DEQ)" <WyantD@michigan.gov>
> **Cc:** "Sygo, Jim (DEQ)" <SygoJ@michigan.gov>, "Ringler, Doug (OAG)" <dringler@audgen.michigan.gov>, "Hirst, Laura (OAG)" <LHirst@audgen.michigan.gov>
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> Director Wyant,
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Take care. Doug.

OAG
Office of the Auditor General
Doug A. Ringler, CPA, CIA
Auditor General
201 N. Washington Square, Sixth Floor • Lansing, Michigan 48913 • Phone: (517) 334-8050 • www.audgen.michigan.gov

DRAFT

December 23, 2015

The Honorable Jim Ananich
Senate Minority Leader
State Capitol, Room S-105
Lansing, Michigan

Dear Senator Ananich:

Enclosed are answers to the questions you posed in your October 20, 2015 letter to our office regarding the audit we are conducting of the Office of Drinking Water and Municipal Assistance (ODWMA), Department of Environmental Quality (DEQ), specific to lead contamination in the City of Flint's drinking water. Also enclosed are additional questions we developed that are relevant to these issues, along with five exhibits:

- A map showing Flint water samples by zip code.
- A map showing lead counts of 5 parts per billion or higher.
- Two charts showing the number of samples by time period and zip code.
- A time line of the Flint water review.

We appreciate the opportunity to assist you in answering questions regarding this topic. If you have further questions or a request for other services, please do not hesitate to contact our office.

Sincerely,

Doug Ringler
Auditor General

Enclosures

Q1: How does ODWMA ensure the data it receives is accurate?

A: With regard to the United States Environmental Protection Agency (EPA) Lead and Copper Rule (LCR) monitoring requirements, DEQ relies on the following key controls to ensure the accuracy of test results:

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- The City of Flint Water Treatment Plant (Flint WTP) certifies whether sample sites are classified as tier 1*.

The current Flint WTP LCR sampling process includes:

1. DEQ informs the Flint WTP of the required water lead and copper sample size.
2. The Flint WTP determines the pool of tier 1 sites for sampling.
3. The Flint WTP selects the sample.
4. The Flint WTP sends out sample kits and instructions to residents for collecting water samples.
5. Residents leave samples and signed sampling forms outside their front doors.
6. The Flint WTP employee picks up samples and forms from residents.
7. The Flint WTP employee reviews sample forms for completeness.
8. The Flint WTP employee sends samples to the State-owned laboratories.
9. State-owned laboratories test samples and provide results directly to DEQ.
10. DEQ receives water lead and copper sample results, which include the following information: date collected, date received, address where collected, type of residence (e.g., single family or apartment), and sample point (e.g., kitchen sink or bathroom sink).
11. DEQ tracks, and follows up if necessary, the number of samples collected by the Flint WTP to help ensure that the required minimum number of samples are collected by the monitoring period deadline.

DRAFT

* Single-family or multiple-family residence with lead service line, lead solder copper piping constructed after 1982, or lead plumbing.

12. The Flint WTP submits lead and copper report to DEQ that certifies whether sample sites meet tier 1 criteria.

13. DEQ prepares the LCR 90th percentile calculation report.

During our review, we noted two potential improvements for the Flint WTP sampling process (see Question 5 of the additional questions answered by the OAG regarding tier 1 sample validity):

- DEQ could verify that the sampling pool was limited to only tier 1 sample sites to ensure that the Flint WTP is in compliance with the LCR (Title 40, Part 141, section 86(a)(3) of the *Code of Federal Regulations* [*CFR*]).

- DEQ could independently verify the validity of sample site certifications.

Q2: What accountability measures are in place for ODWMA staff who fail to follow data verification protocols?

A: DEQ does not provide any direct oversight over the Flint WTP and, therefore, does not have any accountability measures over the Flint WTP's LCR data verification protocols. DEQ's data verification protocol for lead and copper water sampling is limited to verification that the WTP certifies samples submitted to the State-owned laboratories for analysis (see steps 7 and 12 in the Flint WTP LCR sampling process noted in Question 1 above). We did not identify any instances in which ODWMA staff failed to verify that submitted samples were certified by the Flint WTP.

Q3: What accountability measures are in place for ODWMA staff who lie or misrepresent information to the EPA?

A: As with all classified employees, ODWMA staff must adhere to the rules and regulations established by the Michigan Civil Service Commission. If any ODWMA staff were determined to misrepresent information to the EPA, they would be subject to Civil Service Rule 2-6, Discipline, which allows an appointing authority to discipline an employee for just cause up to and including dismissal. We are not aware of any DEQ-established measures that are in addition to the Civil Service Rules.

We gained access to the e-mail accounts of key DEQ management (DEQ Director, Deputy Director, ODWMA Chief, and other key ODWMA staff) extending back to January 1, 2013. We did so to identify the key decision points and conversations that occurred leading up to and through the situation in Flint. Our review was also intended to determine whether State, Flint, or other officials attempted to conceal key test results or other information.

We noted one e-mail exchange between DEQ and the EPA that appears to be a significant contributor to the concern that DEQ misrepresented information to the EPA. The EPA requested clarification on February 26, 2015 regarding the type of optimized corrosion control **treatment** the Flint WTP was using. DEQ responded on February 27, 2015 that the city had an optimized corrosion control **program** in place, but DEQ did not provide any program details. DEQ informed us that the Flint WTP corrosion control **program** included performing

lead and copper monitoring for two consecutive six-month periods to determine whether corrosion control **treatment** would be necessary in the future. However, it appears the EPA interpreted corrosion control **program** to mean that corrosion control **treatment** was being performed.

On April 23, 2015, the EPA again inquired as to what the Flint WTP was doing for corrosion control **treatment**. DEQ responded on April 24, 2015 that the Flint WTP was not practicing corrosion control **treatment**.

Based on our review of this and other e-mails, we have no specific reason to believe that DEQ willfully misrepresented the information to the EPA.

Q4: What policies do DEQ and ODWMA have in place to escalate major infractions up the chain of command?

A: We did not note any instances of major infractions (i.e., intentional disregard of policies, laws, regulations or specific directions) committed by DEQ staff during the course of our review. DEQ does not have a formal policy or procedure in place to escalate major infractions performed by ODWMA employees; however, our review of DEQ correspondence confirmed the escalation of key issues up the chain of command related to the Flint situation. DEQ stated that its informal policy is for staff to notify the proper level of management of infractions to determine necessary action.

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Application of the LCR

Q1: How did the Flint WTP become the primary water supplier for the City of Flint?

A: Upon notification of the City of Flint's plans to switch to the Karegnondi Water Authority (KWA) in April 2013, the Detroit Water and Sewerage Department (DWSD) submitted a letter to the City of Flint stating that it would terminate its agreement to provide water services on April 17, 2014.

According to DEQ management, the Flint WTP attempted to negotiate with the DWSD to maintain it as the City of Flint water supplier; however, after negotiations were unsuccessful, the City of Flint notified DEQ through a permit request of its intent to operate the Flint WTP full time using the Flint River. Although the Flint City Council voted in March 2013 in support of moving to the KWA pipeline, the vote was silent on the use of the Flint River as a temporary drinking water source.

The Flint River was approved by DEQ in 2006 as a backup source of water for emergency purposes prior to the switch from the DWSD WTP to the Flint WTP. On a quarterly basis, the Flint WTP tested the treated Flint River water at the Flint WTP, which met water quality standards; however, the Flint WTP did not test the water's effect on the distribution system at consumer tap locations.

Q2. Did DEQ consult with the EPA prior to determining how to apply the LCR?

A: DEQ did not consult with the EPA on how to apply the LCR prior to implementing two consecutive six-month monitoring periods of the Flint WTP beginning July 1, 2014. Based on past experiences applying the LCR monitoring requirements, DEQ believed that it had appropriately applied the LCR requirements of a large water system.

Q3: When Flint switched to the Flint River water source, should corrosion control treatment have been maintained?

A: We believe that corrosion control treatment should have been maintained.

According to the LCR, a water system can achieve optimized corrosion control if it submits results of tap water monitoring for two consecutive six-month monitoring periods with acceptable lead levels. However, a water system that has optimized corrosion control, and which has treatment in place, should continue to operate and maintain optimal corrosion control treatment.

DEQ staff explained that they did not treat the switch to Flint River water as a new system, but as a new source. DEQ further stated that because the Flint River was a new water source and there was a change in chemicals needed to treat the new source, a corrosion control study was needed to determine the impact on the water distribution system. Therefore, it was DEQ's interpretation that two rounds of six-month monitoring were still needed to evaluate the water quality and determine optimal corrosion control treatment.

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The Flint water system had optimal corrosion control treatment when the DWSD WTP was the water supplier. Based on our review of notes from a July 21, 2015 EPA and DEQ conference call on DEQ's implementation of the LCR regarding whether the Flint WTP should have continued to maintain corrosion control treatment, it appeared that the EPA did not agree with DEQ's interpretation of the LCR. Region 5 EPA staff explained that they would talk to the EPA headquarters about the interpretation of regulations and believes that systems that have been deemed optimized need to "maintain" corrosion control. The Region agreed to provide supporting regulatory citations for the language about maintaining corrosion control.

On November 3, 2015, the EPA issued a memorandum stating that the LCR had differing possible interpretations; however, the EPA concluded that it is important for large water systems to take the steps necessary to ensure that appropriate corrosion control treatment is maintained at all times, thus ensuring that public health is protected. Based on this clarification, it appears that corrosion control treatment should have been maintained.

Q4: Should DEQ have required the Flint WTP to start pursuing optimized corrosion control treatment after the first round of six-month sampling results were above the lead action level of 5 parts per billion (ppb)?

A: Yes. According to DEQ's application of the LCR, within six months after the end of the monitoring period in which the water sample results exceeded the acceptable lead level, DEQ should have required the Flint WTP to start pursuing optimized corrosion control treatment.

The LCR states that the lead action level is exceeded if the lead level, as determined by the 90th percentile calculation, is greater than 15 ppb. If the lead action level is exceeded, water systems are required to take additional actions including educating the public about lead in drinking water as well as commencing lead service line replacement if the water system has already installed corrosion control and/or source water treatment. However, for water systems that have not yet implemented corrosion control treatment, they can be deemed to have optimized corrosion control without installing treatment if they can demonstrate lead levels below 5 ppb for two consecutive six-month periods.

The first round of six-month sampling results was received in late March 2015. Because the results were 1 ppb over the lead action level of 5 ppb, DEQ would not be able to achieve two consecutive six-month periods below 5 ppb. Therefore, DEQ should have notified the Flint WTP to start pursuing optimized corrosion control treatment. However, DEQ waited until the second round of sampling was completed (June 30, 2015) to assess whether water sample results improved.

Water Samples

Q5: Did DEQ verify that only tier 1 sample sites were selected by the Flint WTP in the two rounds of six-month samples?

A: DEQ did not verify that only tier 1 sample sites were selected. DEQ relies on the Flint WTP's certification of sample sites and does not perform any independent verification of those certifications.

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In a November 19, 2015 *Flint Journal* article, the Flint WTP indicated that it did not have the ability to ensure that all sites were tier 1. In fact, water samples came from the random distribution of 175 testing bottles without regard for whether the homes were at risk for high lead levels. DEQ issued a formal memorandum on November 9, 2015 requesting that the Flint WTP verify the classification of all prior sample items. The results are due back from the Flint WTP on December 30, 2015.

Q6: DEQ dropped two water sampling sites from its second six-month sample (January 1, 2015 through June 30, 2015). Was this appropriate?

A: Yes, it was appropriate for DEQ to drop these two water sampling sites. Federal regulation 40 *CFR* 141.86(a) states:

> ". . . each water system shall complete a materials evaluation of its distribution system in order to identify a pool of targeted sampling sites that meets the requirements of this section . . . All sites from which first draw samples are collected shall be selected from this pool . . . Sampling sites may not include faucets that have point-of-use or point-of-entry treatment devices designed to remove inorganic contaminants."

This regulation also requires that a water system's targeted sampling pool consist of only tier 1 sampling sites if an adequate number is available to meet monitoring requirements.

According to federal regulation 40 *CFR* 141.86(f), the State may invalidate a water sample if it determines that the sample was taken from a site that did not meet the site selection criteria. A sample invalidated per this regulation does not count toward determining lead or copper 90th percentile levels or toward meeting the minimum monitoring requirements.

DEQ dropped one water sample site from its 90th percentile calculations because the site was from a business that does not meet the tier 1 requirements of being a single-family or multiple-family residence. The second sample site was dropped because the home had a point-of-entry treatment device to filter contaminants. Based on the criteria specified above, it appears that DEQ's rationale for dropping the samples from these two sites appropriately met the requirements for invalidating samples per federal regulation 40 *CFR* 141.86.

Q7: Was flushing of the taps the night before drawing a sample an appropriate sample methodology?

A: Yes. The LCR requires that samples be a first draw of water after six hours of stagnation. The LCR does not indicate whether or not the water line should be flushed prior to collecting the sample. In the sample instructions, DEQ required preflushing to ensure that sampled faucets were not stagnant for an excessive period of time beyond the targeted six hours (e.g., rarely used faucets or when a homeowner has been gone for an extended period of time.)

The LCR requires six hours of stagnation; however, it does not preclude DEQ from instructing residents to flush prior to stagnation.

Flint WTP 2014 and 2015 Sample Locations (Exhibit #1)

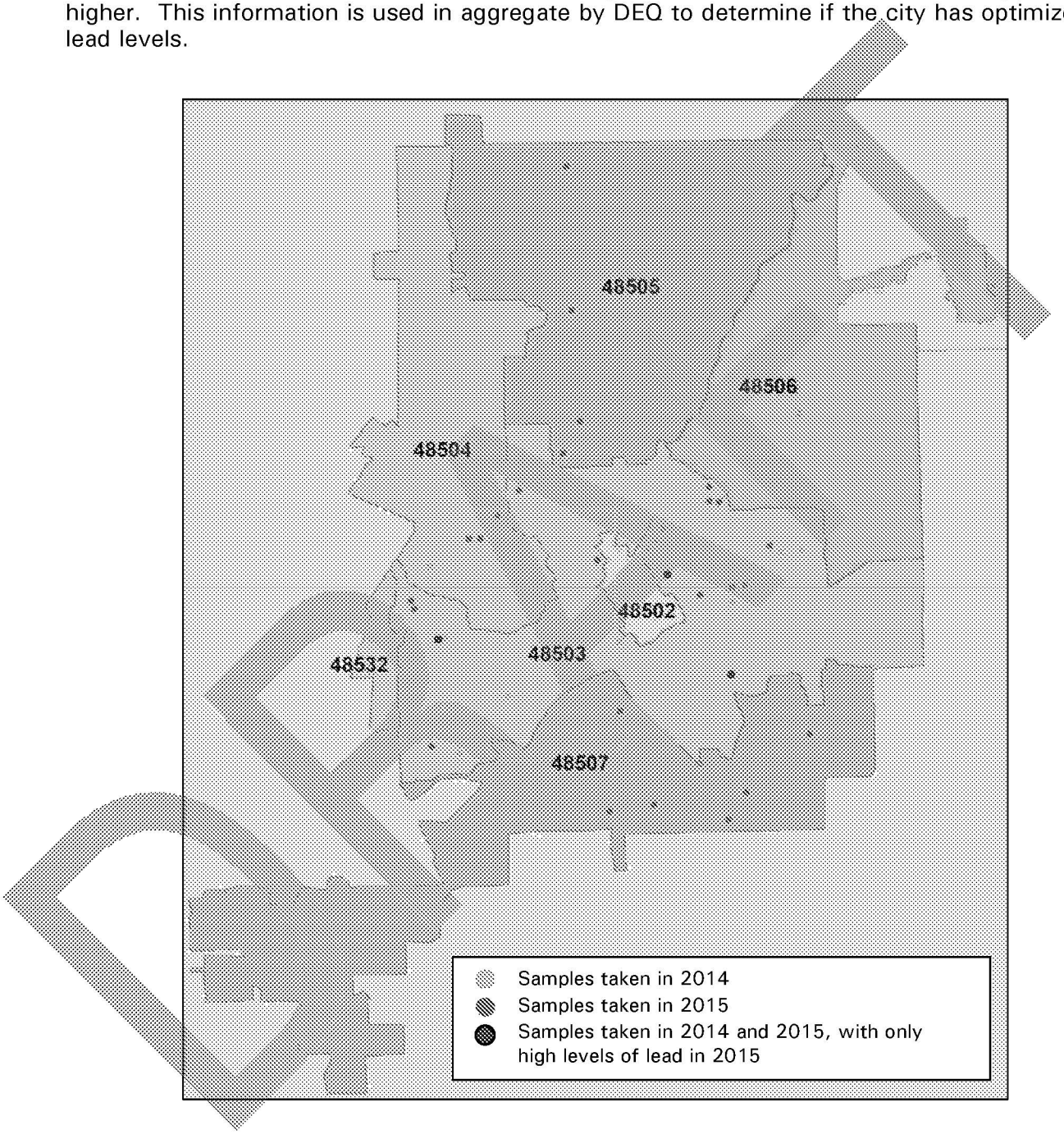
In calendar year 1992, the Flint WTP established a tier 1 sample site pool for LCR monitoring. With the change to the Flint River water, the Flint WTP needed to increase the pool of sample locations because of additional sampling requirements. The following exhibit documents the 2014 and 2015 sample locations for LCR monitoring. Based on the data obtained during our review, we could not determine how the locations were selected or whether they were properly classified as tier 1 sample sites.

As noted in Question 5 of the additional questions answered by the OAG, DEQ has requested the Flint WTP to verify the tier 1 classification of all prior sample items.

Source: The OAG prepared this map using data obtained from DEQ and ©OpenStreetMap contributors (opendatacommons.org). The sample locations are approximate.

Flint WTP 2014 and 2015 Sample Locations With Lead Counts of 5 Parts Per Billion or Higher (Exhibit #2)

This exhibit documents the 2014 and 2015 sample locations with lead counts of 5 ppb or higher. This information is used in aggregate by DEQ to determine if the city has optimized lead levels.



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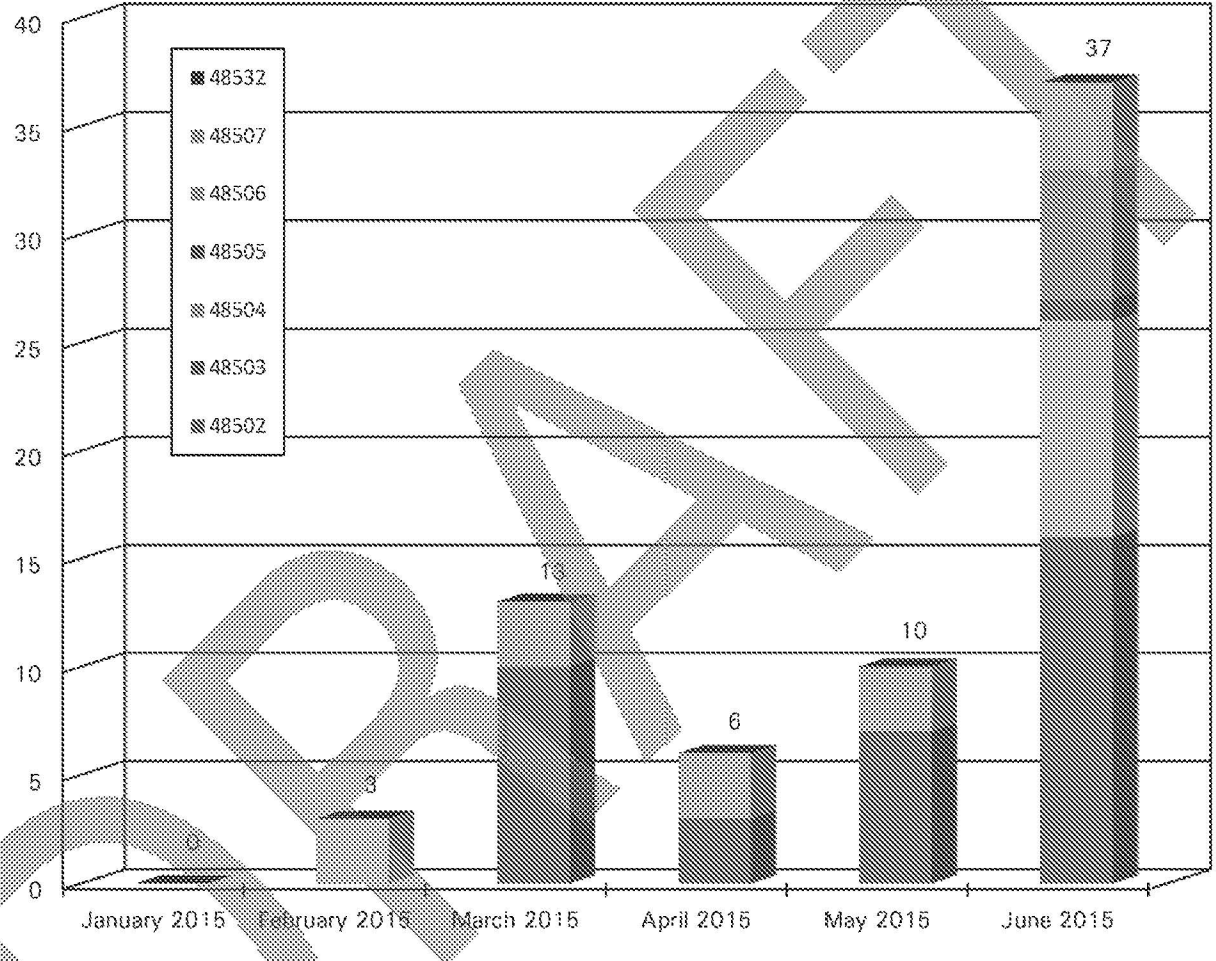
Flint WTP 2015 Number of Samples by Time Period and Zip Code (Exhibit #3)

This chart expands on Exhibit #1 to show a summary by zip code and time of selection within the sampling period. Based on the data obtained during our review, we could not determine if the lateness of selection within the monitoring period affected the appropriateness of the sample items.



Source: The OAG prepared this chart using data obtained from DEQ.

DRAFT

Flint WTP 2014 Number of Samples by Time Period and Zip Code (Exhibit #4)

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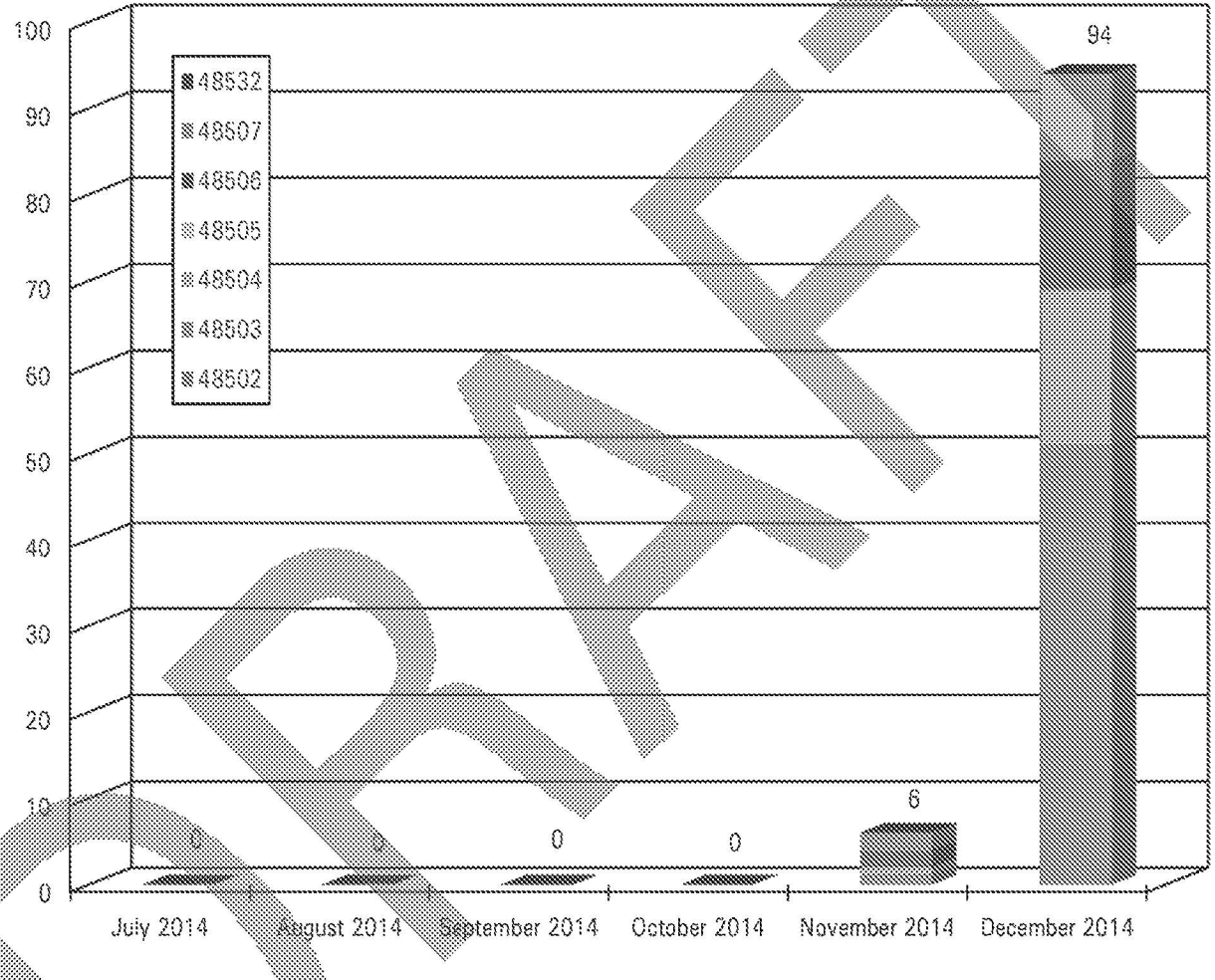

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Sent: Wednesday, December 23, 2015 2:16:10 PM
To: Heaton, Anna (GOV)
Subject: FW: DRAFT - Auditor General Letter - City of Flint Drinking Water

Attachments: Auditor General Letter - City of Flint Drinking Water.pdf; ATT00001.htm

Dave Murray

Press Secretary | Executive Office of Governor Rick Snyder

{HYPERLINK "mailto:MurrayD1@michigan.gov"}

517-335-6397, office

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Emblem

From: Wyant, Dan (DEQ)
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To: Baird, Richard (GOV) <bairdr@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Anderson, Madhu (DEQ) <AndersonM30@michigan.gov>; Sygo, Jim (DEQ) <SygoJ@michigan.gov>; Krisztian, George (DEQ) <krisztiang@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Pallone, Maggie (DEQ) <PalloneM@michigan.gov>
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Take care. Doug.

OAG
Office of the Auditor General
Doug A. Ringler, CPA, CIA
Auditor General
201 N. Washington Square, Sixth Floor • Lansing, Michigan 48913 • Phone: (517) 334-8050 • www.audgen.michigan.gov

DRAFT

December 23, 2015

The Honorable Jim Ananich
Senate Minority Leader
State Capitol, Room S-105
Lansing, Michigan

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Sincerely,

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DRAFT

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Water Samples

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Q6: DEQ dropped two water sampling sites from its second six-month sample (January 1, 2015 through June 30, 2015). Was this appropriate?

A: Yes, it was appropriate for DEQ to drop these two water sampling sites. Federal regulation 40 *CFR* 141.86(a) states:

> ". . . each water system shall complete a materials evaluation of its distribution system in order to identify a pool of targeted sampling sites that meets the requirements of this section . . . All sites from which first draw samples are collected shall be selected from this pool . . . Sampling sites may not include faucets that have point-of-use or point-of-entry treatment devices designed to remove inorganic contaminants."

This regulation also requires that a water system's targeted sampling pool consist of only tier 1 sampling sites if an adequate number is available to meet monitoring requirements.

According to federal regulation 40 *CFR* 141.86(f), the State may invalidate a water sample if it determines that the sample was taken from a site that did not meet the site selection criteria. A sample invalidated per this regulation does not count toward determining lead or copper 90th percentile levels or toward meeting the minimum monitoring requirements.

DEQ dropped one water sample site from its 90th percentile calculations because the site was from a business that does not meet the tier 1 requirements of being a single-family or multiple-family residence. The second sample site was dropped because the home had a point-of-entry treatment device to filter contaminants. Based on the criteria specified above, it appears that DEQ's rationale for dropping the samples from these two sites appropriately met the requirements for invalidating samples per federal regulation 40 *CFR* 141.86.

Q7: Was flushing of the taps the night before drawing a sample an appropriate sample methodology?

A: Yes. The LCR requires that samples be a first draw of water after six hours of stagnation. The LCR does not indicate whether or not the water line should be flushed prior to collecting the sample. In the sample instructions, DEQ required preflushing to ensure that sampled faucets were not stagnant for an excessive period of time beyond the targeted six hours (e.g., rarely used faucets or when a homeowner has been gone for an extended period of time.)

The LCR requires six hours of stagnation; however, it does not preclude DEQ from instructing residents to flush prior to stagnation.

Flint WTP 2014 and 2015 Sample Locations (Exhibit #1)

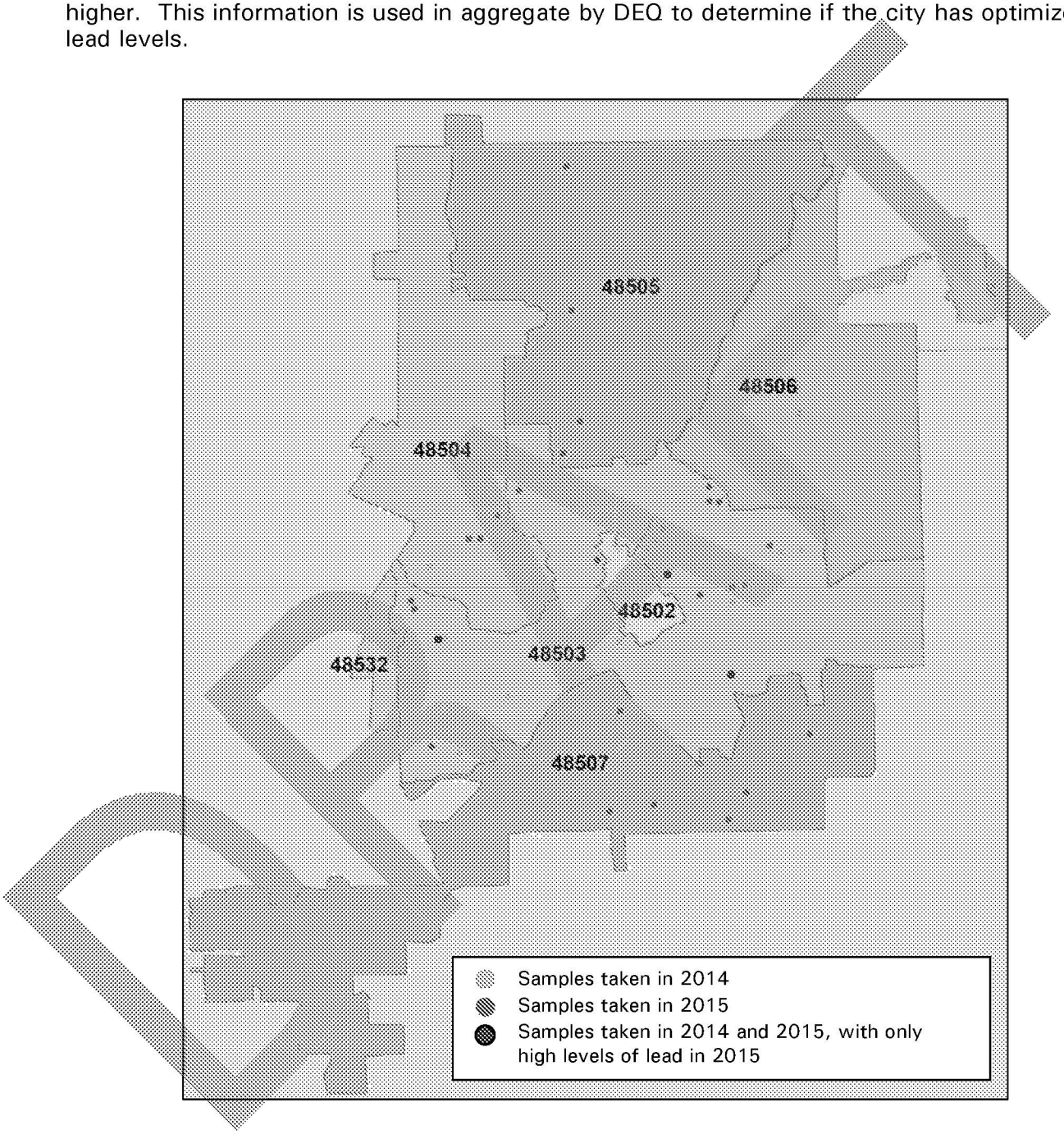
In calendar year 1992, the Flint WTP established a tier 1 sample site pool for LCR monitoring. With the change to the Flint River water, the Flint WTP needed to increase the pool of sample locations because of additional sampling requirements. The following exhibit documents the 2014 and 2015 sample locations for LCR monitoring. Based on the data obtained during our review, we could not determine how the locations were selected or whether they were properly classified as tier 1 sample sites.

As noted in Question 5 of the additional questions answered by the OAG, DEQ has requested the Flint WTP to verify the tier 1 classification of all prior sample items.

Source: The OAG prepared this map using data obtained from DEQ and ©OpenStreetMap contributors (opendatacommons.org). The sample locations are approximate.

Flint WTP 2014 and 2015 Sample Locations With Lead Counts of 5 Parts Per Billion or Higher (Exhibit #2)

This exhibit documents the 2014 and 2015 sample locations with lead counts of 5 ppb or higher. This information is used in aggregate by DEQ to determine if the city has optimized lead levels.



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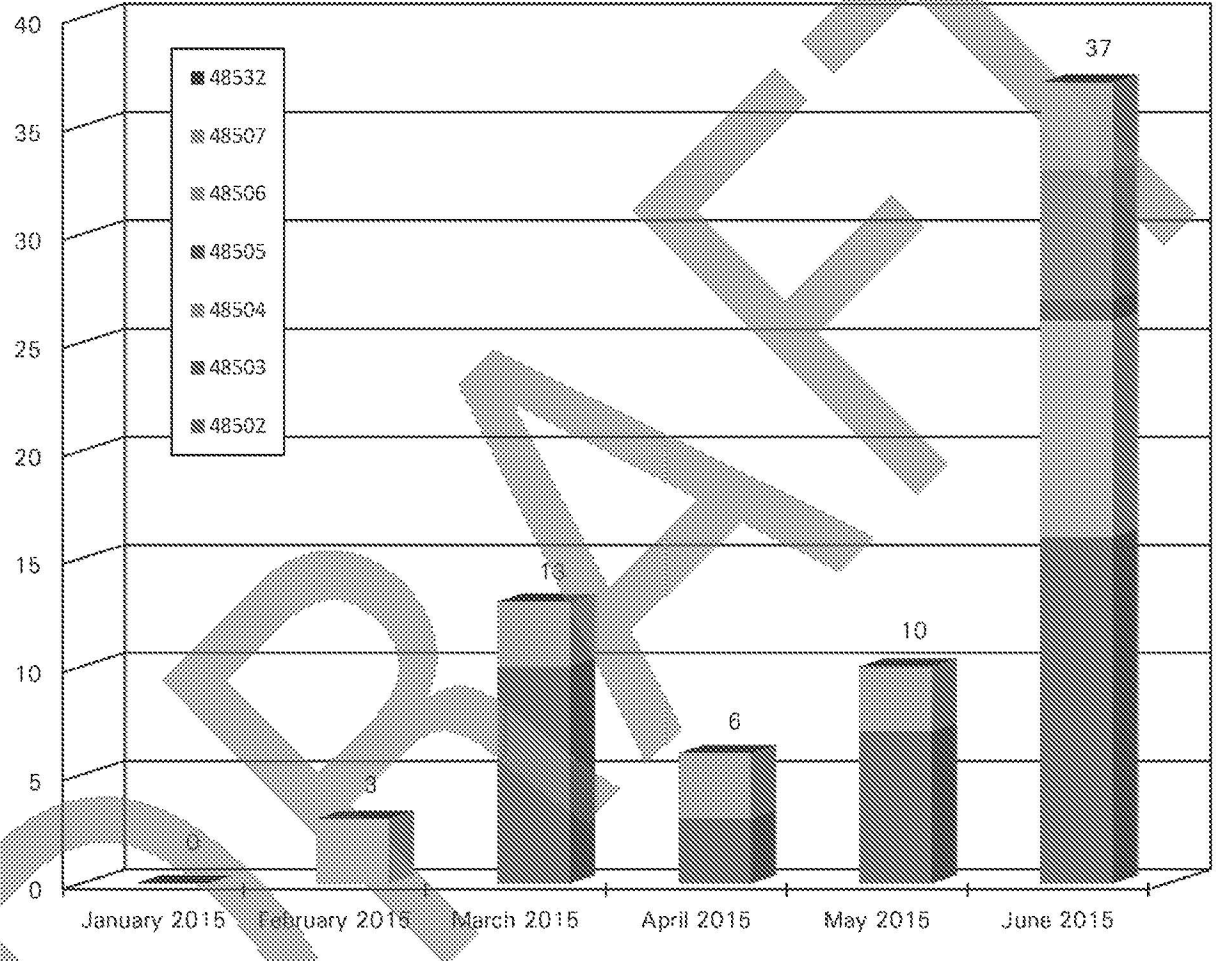
Flint WTP 2015 Number of Samples by Time Period and Zip Code (Exhibit #3)

This chart expands on Exhibit #1 to show a summary by zip code and time of selection within the sampling period. Based on the data obtained during our review, we could not determine if the lateness of selection within the monitoring period affected the appropriateness of the sample items.

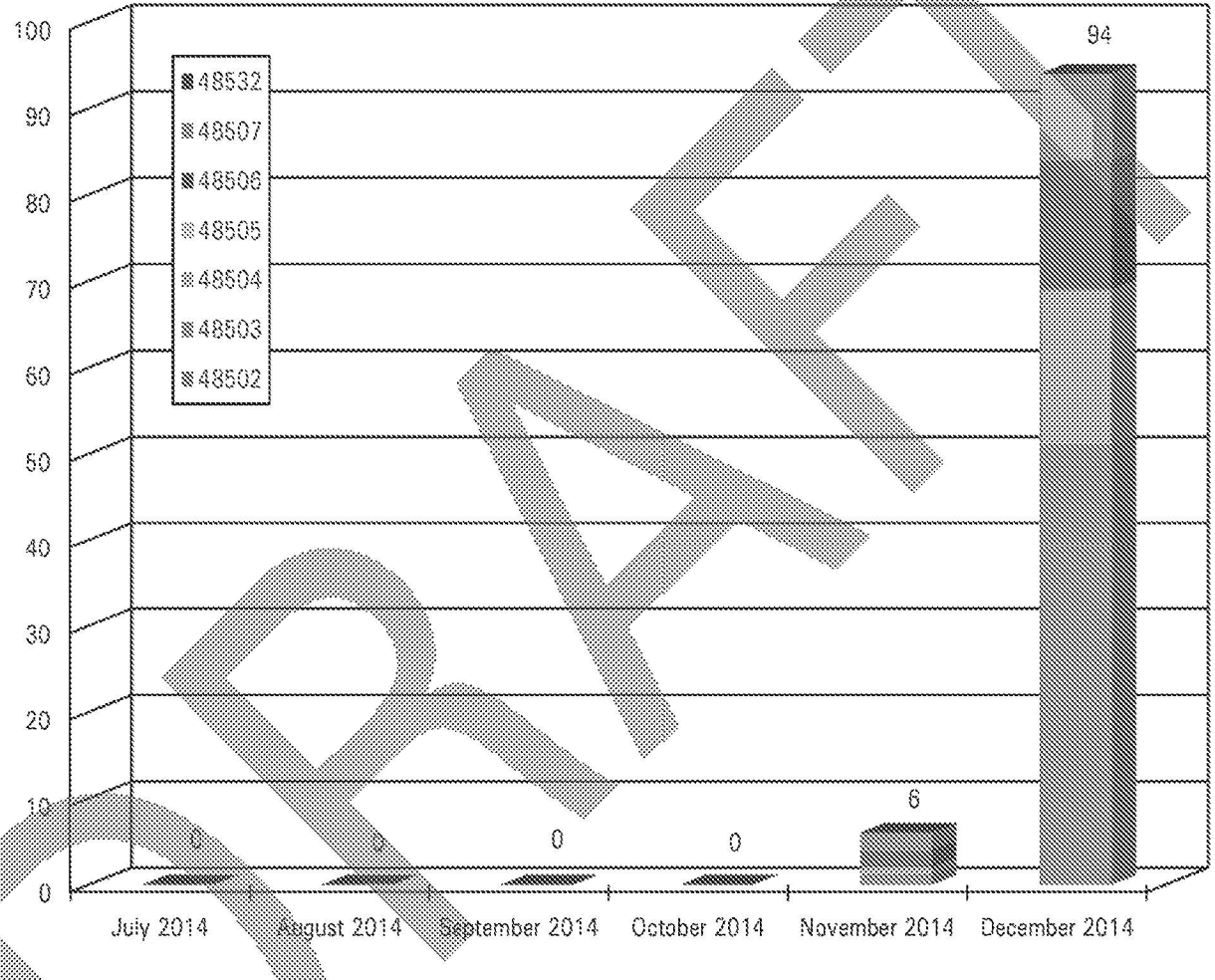


Source: The OAG prepared this chart using data obtained from DEQ.

DRAFT

Flint WTP 2014 Number of Samples by Time Period and Zip Code (Exhibit #4)

This chart expands on Exhibit #1 to show a summary by zip code and time of selection within the sampling period. Based on the data obtained during our review, we could not determine if the lateness of selection within the monitoring period affected the appropriateness of the sample items.



DRAFT

Source: The OAG prepared this chart using data obtained from DEQ.

March 2013
Flint City Council voted 7-1 to join Karegnondi Water Authority (KWA).

April 16, 2013
City of Flint emergency manager Ed Kurtz signs agreement to switch from Detroit Water and Sewerage Department (DWSD) water source to KWA.

April 17, 2013
DWSD said it will stop selling water to the City of Flint in April 2014.

July 2014
DEQ begins the first six-month Flint lead/copper monitoring period.

Mid-March 2014
City of Flint decides to use the Flint River as a water source.

April 25, 2014
City of Flint switches to Flint River water.

January 1, 2015
DEQ begins the second six-month Flint lead/copper monitoring period.

January 12, 2015
DWSD offers the City of Flint a waiver of the $4 million reconnection fee to switch back to Detroit water.

January 29, 2015
City of Flint emergency manager Jerry Ambrose declines DWSD water source reconnection.

February 3, 2015
Governor Snyder awards the City of Flint $2 million to find leaks and replace wastewater incinerator.

February 26, 2015
The EPA discusses a resident's water sample testing results with DEQ (high levels of lead found in water).

February 27, 2015
DEQ responded to the EPA saying that the Flint WTP has an optimized corrosion control program.

March 30, 2015
DEQ notifies the Flint WTP of the first six-month lead/copper monitoring period.

April 24, 2015
DEQ indicates no corrosion control (orthophosphate) chemical in place (treatment).

May 28, 2015
Sample results from the residence noted with high levels on February 26, 2015 show lead levels look good after a new copper service line installation.

July 21, 2015
The EPA and DEQ hold conference call on DEQ's implementation of the Lead and Copper Rule (LCR) and Flint issues.

August 17, 2015
DEQ notifies the Flint WTP of the second six-month lead/copper monitoring results.

August 23, 2015
Virginia Tech researcher notifies DEQ that he will begin a study of the City of Flint water quality.

September 2, 2015
Virginia Tech researcher claims that the corrosiveness of the Flint water is causing lead to leach into residents' water.

September 24, 2015
Hurley Medical Center study issued showing high blood lead levels in City of Flint children.

October 1, 2015
- Michigan Department of Health and Human Services confirms results of Hurley Medical Center study.
- City of Flint urges residents to not drink water.

October 8, 2015
City of Flint develops plan to reconnect to DWSD.

October 16, 2015
City of Flint reconnects to DWSD.

October 19, 2015
DEQ Director Dan Wyant states: ". . . staff made a mistake while working with the city of Flint. Simply stated, staff employed a federal [corrosion control] protocol they believed was appropriate, and it was not."

November 3, 2015
The EPA indicates differing possible interpretations of the LCR with respect to how the LCR's optimal corrosion control treatment procedures apply to this situation (new water source/new water treatment).

2013 | 2014 | 2015

DRAFT

Source: The OAG prepared this time line using data (e-mails, meeting notes, and letters) obtained from DEQ, newspaper and press release articles, the Flintwaterstudy.org, and the Hurley Medical Center survey results.

From: Murray, David (GOV)
Sent: Wednesday, December 23, 2015 3:34 PM
To: 'chris@dewitt-communications.com'
Subject: FW: DRAFT - Auditor General Letter - City of Flint Drinking Water
Attachments: Auditor General Letter - City of Flint Drinking Water.pdf; ATT00001.htm

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397 office
[redacted]
Twitter:@michigandmurray

From: Wyant, Dan (DEQ)
Sent: Wednesday, December 23, 2015 2:01 PM
To: Baird, Richard (GOV) <bairdr@michigan.gov>; Hollins, Harvey (GOV) <hollinsh@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Cc: Anderson, Madhu (DEQ) <AndersonM30@michigan.gov>; Sygo, Jim (DEQ) <SygoJ@michigan.gov>; Krisztian, George (DEQ) <krisztiang@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Pallone, Maggie (DEQ) <PalloneM@michigan.gov>
Subject: Fwd: DRAFT - Auditor General Letter - City of Flint Drinking Water

FYI

Sent from my iPhone

Begin forwarded message:

> **From:** "MI_Office_of_the_Auditor_General" <mi_auditor_general@audgen.michigan.gov>
> **To:** "Wyant, Dan (DEQ)" <WyantD@michigan.gov>
> **Cc:** "Sygo, Jim (DEQ)" <SygoJ@michigan.gov>, "Ringler, Doug (OAG)" <dringler@audgen.michigan.gov>, "Hirst, Laura (OAG)" <LHirst@audgen.michigan.gov>
> **Subject: DRAFT - Auditor General Letter - City of Flint Drinking Water**
>
> Director Wyant,
>
> Attached is a draft of the letter we intend to send to Senator Ananich by close of business today, December 23. You will note that we made some changes based on information we obtained at the December 18 meeting. We keep this document confidential. We will copy you on the version we send to the Senator.

Take care. Doug.

OAG
Office of the Auditor General
Doug A. Ringler, CPA, CIA
Auditor General
201 N. Washington Square, Sixth Floor • Lansing, Michigan 48913 • Phone: (517) 334-8050 • www.audgen.michigan.gov

DRAFT

December 23, 2015

The Honorable Jim Ananich
Senate Minority Leader
State Capitol, Room S-105
Lansing, Michigan

Dear Senator Ananich:

Enclosed are answers to the questions you posed in your October 20, 2015 letter to our office regarding the audit we are conducting of the Office of Drinking Water and Municipal Assistance (ODWMA), Department of Environmental Quality (DEQ), specific to lead contamination in the City of Flint's drinking water. Also enclosed are additional questions we developed that are relevant to these issues, along with five exhibits:

- A map showing Flint water samples by zip code.
- A map showing lead counts of 5 parts per billion or higher.
- Two charts showing the number of samples by time period and zip code.
- A time line of the Flint water review.

We appreciate the opportunity to assist you in answering questions regarding this topic. If you have further questions or a request for other services, please do not hesitate to contact our office.

Sincerely,

Doug Ringler
Auditor General

Enclosures

Q1: How does ODWMA ensure the data it receives is accurate?

A: With regard to the United States Environmental Protection Agency (EPA) Lead and Copper Rule (LCR) monitoring requirements, DEQ relies on the following key controls to ensure the accuracy of test results:

- State-owned laboratories test water samples.
- State-owned laboratories send test results directly to DEQ.
- The City of Flint Water Treatment Plant (Flint WTP) certifies whether sample sites are classified as tier 1*.

The current Flint WTP LCR sampling process includes:

1. DEQ informs the Flint WTP of the required water lead and copper sample size.
2. The Flint WTP determines the pool of tier 1 sites for sampling.
3. The Flint WTP selects the sample.
4. The Flint WTP sends out sample kits and instructions to residents for collecting water samples.
5. Residents leave samples and signed sampling forms outside their front doors.
6. The Flint WTP employee picks up samples and forms from residents.
7. The Flint WTP employee reviews sample forms for completeness.
8. The Flint WTP employee sends samples to the State-owned laboratories.
9. State-owned laboratories test samples and provide results directly to DEQ.
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DRAFT

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In a November 19, 2015 *Flint Journal* article, the Flint WTP indicated that it did not have the ability to ensure that all sites were tier 1. In fact, water samples came from the random distribution of 175 testing bottles without regard for whether the homes were at risk for high lead levels. DEQ issued a formal memorandum on November 9, 2015 requesting that the Flint WTP verify the classification of all prior sample items. The results are due back from the Flint WTP on December 30, 2015.

Q6: DEQ dropped two water sampling sites from its second six-month sample (January 1, 2015 through June 30, 2015). Was this appropriate?

A: Yes, it was appropriate for DEQ to drop these two water sampling sites. Federal regulation 40 *CFR* 141.86(a) states:

> ". . . each water system shall complete a materials evaluation of its distribution system in order to identify a pool of targeted sampling sites that meets the requirements of this section . . . All sites from which first draw samples are collected shall be selected from this pool . . . Sampling sites may not include faucets that have point-of-use or point-of-entry treatment devices designed to remove inorganic contaminants."

This regulation also requires that a water system's targeted sampling pool consist of only tier 1 sampling sites if an adequate number is available to meet monitoring requirements.

According to federal regulation 40 *CFR* 141.86(f), the State may invalidate a water sample if it determines that the sample was taken from a site that did not meet the site selection criteria. A sample invalidated per this regulation does not count toward determining lead or copper 90th percentile levels or toward meeting the minimum monitoring requirements.

DEQ dropped one water sample site from its 90th percentile calculations because the site was from a business that does not meet the tier 1 requirements of being a single-family or multiple-family residence. The second sample site was dropped because the home had a point-of-entry treatment device to filter contaminants. Based on the criteria specified above, it appears that DEQ's rationale for dropping the samples from these two sites appropriately met the requirements for invalidating samples per federal regulation 40 *CFR* 141.86.

Q7: Was flushing of the taps the night before drawing a sample an appropriate sample methodology?

A: Yes. The LCR requires that samples be a first draw of water after six hours of stagnation. The LCR does not indicate whether or not the water line should be flushed prior to collecting the sample. In the sample instructions, DEQ required preflushing to ensure that sampled faucets were not stagnant for an excessive period of time beyond the targeted six hours (e.g., rarely used faucets or when a homeowner has been gone for an extended period of time.)

The LCR requires six hours of stagnation; however, it does not preclude DEQ from instructing residents to flush prior to stagnation.

Flint WTP 2014 and 2015 Sample Locations (Exhibit #1)

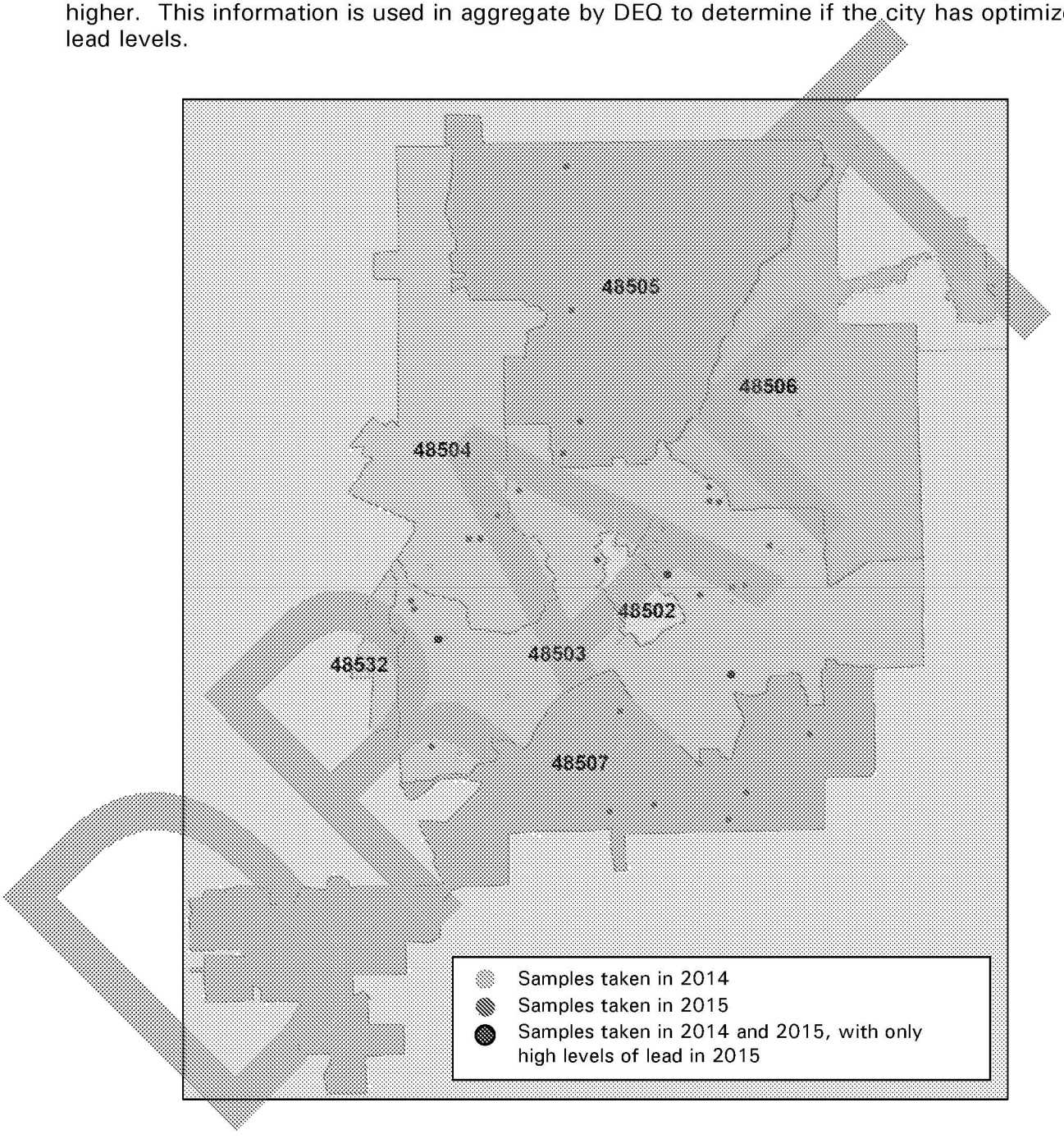
In calendar year 1992, the Flint WTP established a tier 1 sample site pool for LCR monitoring. With the change to the Flint River water, the Flint WTP needed to increase the pool of sample locations because of additional sampling requirements. The following exhibit documents the 2014 and 2015 sample locations for LCR monitoring. Based on the data obtained during our review, we could not determine how the locations were selected or whether they were properly classified as tier 1 sample sites.

As noted in Question 5 of the additional questions answered by the OAG, DEQ has requested the Flint WTP to verify the tier 1 classification of all prior sample items.

Source: The OAG prepared this map using data obtained from DEQ and ©OpenStreetMap contributors (opendatacommons.org). The sample locations are approximate.

Flint WTP 2014 and 2015 Sample Locations With Lead Counts of 5 Parts Per Billion or Higher (Exhibit #2)

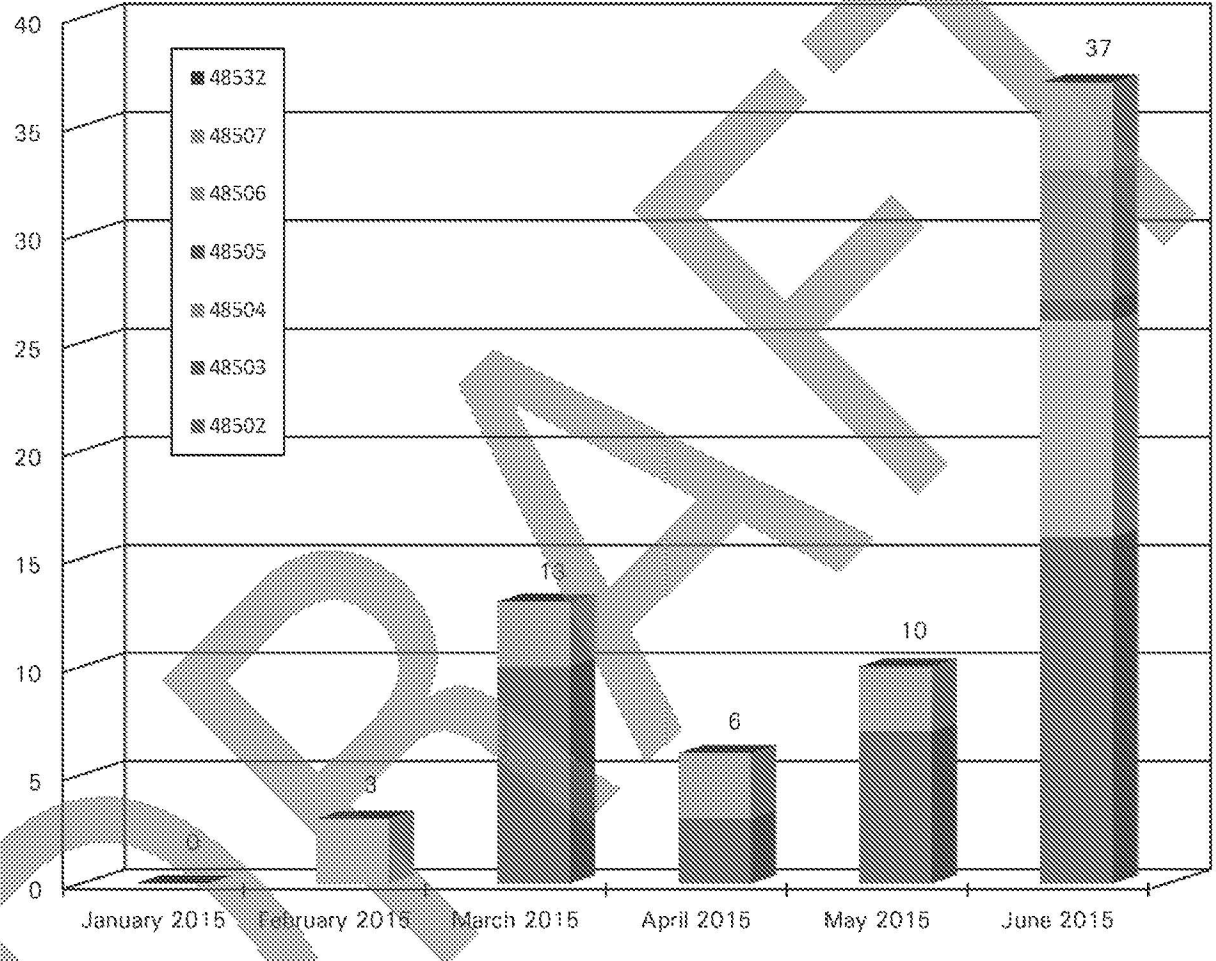
This exhibit documents the 2014 and 2015 sample locations with lead counts of 5 ppb or higher. This information is used in aggregate by DEQ to determine if the city has optimized lead levels.



Source: The OAG prepared this map using data obtained from DEQ and ©OpenStreetMap contributors (opendatacommons.org). The sample locations are approximate.

Flint WTP 2015 Number of Samples by Time Period and Zip Code (Exhibit #3)

This chart expands on Exhibit #1 to show a summary by zip code and time of selection within the sampling period. Based on the data obtained during our review, we could not determine if the lateness of selection within the monitoring period affected the appropriateness of the sample items.

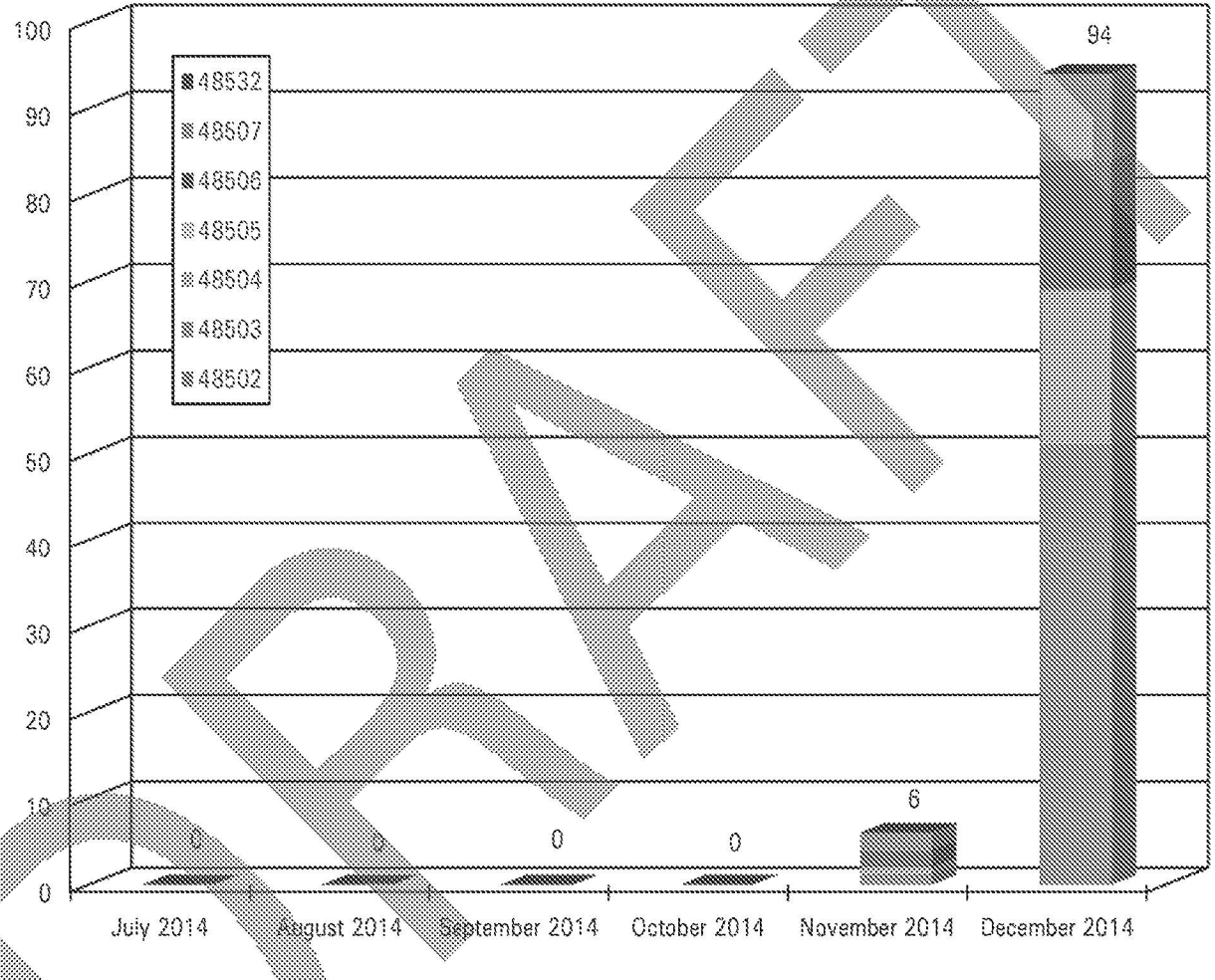


Source: The OAG prepared this chart using data obtained from DEQ.

DRAFT

Flint WTP 2014 Number of Samples by Time Period and Zip Code (Exhibit #4)

This chart expands on Exhibit #1 to show a summary by zip code and time of selection within the sampling period. Based on the data obtained during our review, we could not determine if the lateness of selection within the monitoring period affected the appropriateness of the sample items.



DRAFT

Source: The OAG prepared this chart using data obtained from DEQ.

March 2013
Flint City Council voted 7-1 to join Karegnondi Water Authority (KWA).

April 16, 2013
City of Flint emergency manager Ed Kurtz signs agreement to switch from Detroit Water and Sewerage Department (DWSD) water source to KWA.

April 17, 2013
DWSD said it will stop selling water to the City of Flint in April 2014.

July 2014
DEQ begins the first six-month Flint lead/copper monitoring period.

Mid-March 2014
City of Flint decides to use the Flint River as a water source.

April 25, 2014
City of Flint switches to Flint River water.

January 1, 2015
DEQ begins the second six-month Flint lead/copper monitoring period.

January 12, 2015
DWSD offers the City of Flint a waiver of the $4 million reconnection fee to switch back to Detroit water.

January 29, 2015
City of Flint emergency manager Jerry Ambrose declines DWSD water source reconnection.

February 3, 2015
Governor Snyder awards the City of Flint $2 million to find leaks and replace wastewater incinerator.

February 26, 2015
The EPA discusses a resident's water sample testing results with DEQ (high levels of lead found in water).

February 27, 2015
DEQ responded to the EPA saying that the Flint WTP has an optimized corrosion control program.

March 30, 2015
DEQ notifies the Flint WTP of the first six-month lead/copper monitoring period.

April 24, 2015
DEQ indicates no corrosion control (orthophosphate) chemical in place (treatment).

May 28, 2015
Sample results from the residence noted with high levels on February 26, 2015 show lead levels look good after a new copper service line installation.

July 21, 2015
The EPA and DEQ hold conference call on DEQ's implementation of the Lead and Copper Rule (LCR) and Flint issues.

August 17, 2015
DEQ notifies the Flint WTP of the second six-month lead/copper monitoring results.

August 23, 2015
Virginia Tech researcher notifies DEQ that he will begin a study of the City of Flint water quality.

September 2, 2015
Virginia Tech researcher claims that the corrosiveness of the Flint water is causing lead to leach into residents' water.

September 24, 2015
Hurley Medical Center study issued showing high blood lead levels in City of Flint children.

October 1, 2015
- Michigan Department of Health and Human Services confirms results of Hurley Medical Center study.
- City of Flint urges residents to not drink water.

October 8, 2015
City of Flint develops plan to reconnect to DWSD.

October 16, 2015
City of Flint reconnects to DWSD.

October 19, 2015
DEQ Director Dan Wyant states: ". . . staff made a mistake while working with the city of Flint. Simply stated, staff employed a federal [corrosion control] protocol they believed was appropriate, and it was not."

November 3, 2015
The EPA indicates differing possible interpretations of the LCR with respect to how the LCR's optimal corrosion control treatment procedures apply to this situation (new water source/new water treatment).

2013 | 2014 | 2015

DRAFT

Source: The OAG prepared this time line using data (e-mails, meeting notes, and letters) obtained from DEQ, newspaper and press release articles, the Flintwaterstudy.org, and the Hurley Medical Center survey results.

From: Conaway, Laura (NBCUniversal) <Laura.Conaway@nbcuni.com>
Sent: Wednesday, December 23, 2015 6:57 PM
To: Murray, David (GOV)
Subject: Checking again

Hi, Dave,

Please pardon the late email.

Has the Governor made a decision about Flint's declaration of emergency, or is the office waiting to receive it?

Thank you again.

Laura Conaway

From: Murray, David (GOV)
Sent: Wednesday, December 23, 2015 7:54 PM
To: Conaway, Laura (NBCUniversal)
Subject: Re: Checking again

Hello Laura,

We have not received anything yet. I believe the request will come after a vote from the Genesee County Commission. I'm not sure when the commission is slated to meet next. Do you have a contact there?

Gov. Snyder remains committed to working with Mayor Weaver to get Flint residents the assistance they need. Flint residents deserve access to clean, safe water. We also are committed to protecting the health of Flint's children, both immediately and into the future.

As you know, leaders from the Michigan State Police Emergency Management and Homeland Security Division met with the mayor and commission chairman earlier this week to help them determine the best possible pathway to additional state and federal resources.

That assistance will be in addition to the $10 million the state government has committed to Flint residents to help pay for the switch to the Great Lakes Water Authority water, free filters for all residents and additional testing, among other items in Gov. Snyder's action plan.

Dave

Sent from my iPad

On Dec 23, 2015, at 6:56 PM, Conaway, Laura (NBCUniversal) <Laura.Conaway@nbcuni.com> wrote:

> Hi, Dave,
>
> Please pardon the late email.
>
> Has the Governor made a decision about Flint's declaration of emergency, or is the office waiting to receive it?
>
> Thank you again.
>
> Laura Conaway

From: Conaway, Laura (NBCUniversal) <Laura.Conaway@nbcuni.com>
Sent: Wednesday, December 23, 2015 7:55 PM
To: Murray, David (GOV)
Subject: RE: Checking again

Thanks, Dave. I believe the county meets next on Monday, January 4.

Laura

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Wednesday, December 23, 2015 7:54 PM
To: Conaway, Laura (NBCUniversal)
Subject: Re: Checking again

Hello Laura,

We have not received anything yet. I believe the request will come after a vote from the Genesee County Commission. I'm not sure when the commission is slated to meet next. Do you have a contact there?

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Hi, Dave,

Please pardon the late email.

Has the Governor made a decision about Flint's declaration of emergency, or is the office waiting to receive it?

Thank you again.

From: Gary Ridley <GRIDLEY@mlive.com>
Sent: Thursday, December 24, 2015 8:37 AM
To: Murray, David (GOV)
Subject: FLint water issue on Rachel Maddow show

Dave,
US Rep. Dan Kildee was on the Rachel Maddow show last night discussing the Flint water issue. He said of the state: "We need more than an apology and an acknowledgment that they failed. We need them to make it right."

I wanted to check in and see if your office had any response. I am putting together a post on this ASAP.

Thanks.

--
Gary Ridley | The Flint Journal-MLive Media Group | 810-280-9516 | gridley@mlive.com

From: Murray, David (GOV)
Sent: Thursday, December 24, 2015 9:08 AM
To: Gary Ridley
Subject: Re: FLint water issue on Rachel Maddow show

Gov. Snyder is committed to working with Mayor Weaver and city leaders to do what is necessary to protect the health of Flint residents.

We're working to build upon the work that already in progress as part of the Governor's action plan and the $10 million provided for the reconnection to Detroit water, filters for residents and efforts to improve the city's water infrastructure.

Sent from my iPhone

On Dec 24, 2015, at 8:36 AM, Gary Ridley <GRIDLEY@mlive.com> wrote:

> Dave,
> US Rep. Dan Kildee was on the Rachel Maddow show last night discussing the Flint water issue. He said of the state:
> "We need more than an apology and an acknowledgment that they failed. We need them to make it right."
>
> I wanted to check in and see if your office had any response. I am putting together a post on this ASAP.
>
> Thanks.
>
> --
> **Gary Ridley | The Flint Journal-MLive Media Group | 810-280-9516 |** gridley@mlive.com

From: Silfven, Ken (TIA)
Sent: Thursday, December 24, 2015 6:01 PM
To: Natalia Golysheva
Cc: Murray, David (GOV)
Subject: Re: BBC interivew request for Harvey Hollins

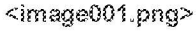
Hello Natalia. I'm afraid I am no longer with the governors office but by way of this email I am copying the Governors press secretary Dave Murray in the hope that he can assist you. Thank you
Ken

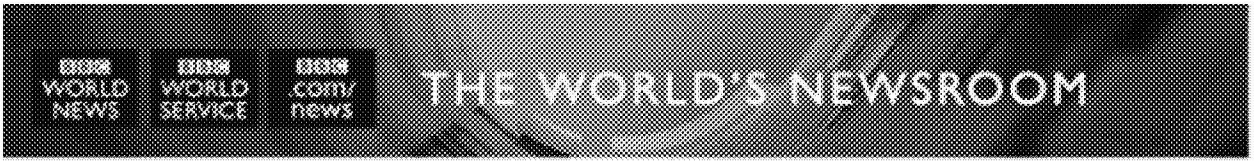
Sent from my iPhone

On Dec 24, 2015, at 9:44 AM, Natalia Golysheva <Natalia.Golysheva@bbc.co.uk> wrote:

> Hi Ken,
>
> I am a journalist with the BBC World Service radio in London. During the last week we have been covering the Flint water crisis, speaking to residents, doctors, local authorities, etc. In the light of the interest to this story we would like to give Mr Hollins an opportunity to give his take on what happened. Would it be possible to arrange a phone conversation with him for tomorrow morning's programme? I appreciate that today is Christmas eve and he might be busy – all we want is 5 minutes of his time. Ideally, between 6 and 10 pm this evening.
>
> Let me know if there is a possibility.
>
> Many thanks in advance,
> Natalia

Natalia Golysheva | @n_golysheva
Producer | BBC World Service
Tel. +44 203 61 44044 – Newsday
Tel. +44 203 61 43900 – World Have Your Say
Tel.+ 44 203 61 44200 – Outside Source

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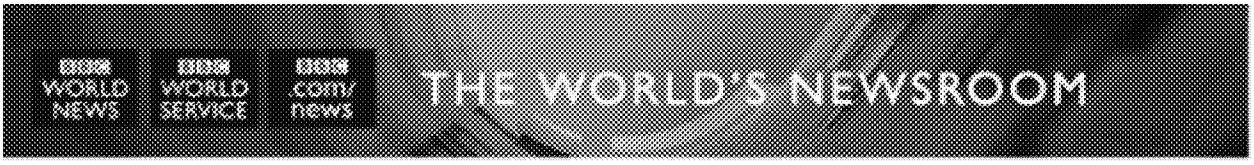
BBC WORLD SERVICE
BBC .com/ news
THE WORLD'S NEWSROOM


BBC WORLD NEWS
BBC WORLD SERVICE
BBC .com/ news
THE WORLD'S NEWSROOM

From: Murray, David (GOV)
Sent: Thursday, December 24, 2015 9:36 PM
To: Silfven, Ken (TIA)
Cc: Natalia Golysheva
Subject: Re: BBC interivew request for Harvey Hollins

Hello Natalia,

I've already provided you with a considerable statement from the Executive Office. No one will be available for an interview. But I am happy to provide you with additional written information.

Merry Christmas!

Dave Murray

Sent from my iPhone

On Dec 24, 2015, at 5:00 PM, Silfven, Ken (TIA) <SilfvenK@michigan.gov> wrote:

> Hello Natalia. I'm afraid I am no longer with the governors office but by way of this email I am copying the Governors press secretary Dave Murray in the hope that he can assist you. Thank you
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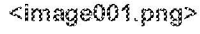
Tel.+ 44 203 61 44200 – Outside Source



From: Murray, David (GOV)
Sent: Thursday, December 24, 2015 9:38 PM
To: Silfven, Ken (TIA)
Subject: Re: BBC interivew request for Harvey Hollins

Thanks, Ken! Have a nice holiday,

Dave!

Sent from my iPhone

On Dec 24, 2015, at 5:00 PM, Silfven, Ken (TIA) <SilfvenK@michigan.gov> wrote:

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> Sent from my iPhone
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> > Tel.+ 44 203 61 44200 – Outside Source
> >
> > <image001.png>

From: Silfven, Ken (TIA)
Sent: Thursday, December 24, 2015 10:11 PM
To: Murray, David (GOV)
Subject: Re: BBC interivew request for Harvey Hollins

You too buddy. Hope you are hanging in there!

Sent from my iPhone

On Dec 24, 2015, at 8:37 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Thanks, Ken! Have a nice holiday,
>
> Dave!
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> Sent from my iPhone
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From: Holland, Meegan (GOV)
Sent: Monday, December 28, 2015 10:46 AM
To: Murray, David (GOV)
Subject: OAG letter

Here is a summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions came as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

While the City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the DEQ had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint WTP, but Flint had never tested its effect on the distribution system.

In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The EPA had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. But in April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant (WTP) was not doing corrosion control. DEQ later explained that the first answer was referring to its LCR program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that ODWMA employees appeared to have notified management properly about the unfolding Flint water situation.

DEQ did not consult with the EPA on how best to apply the Lead and Copper Rule (LCR) monitoring practices after the switch to Flint water, but from past experience, DEQ believed it was doing so correctly by doing two rounds of six-month monitoring on the new water source before determining optimal corrosion control. The EPA disagreed with DEQ's interpretation of the LCR, but later stated that the LCR was open to interpretation. It then clarified the rule; the upshot: corrosion controls already in place when Flint was on Detroit water should have been maintained after the switch.

DEQ should have notified the Flint WTP to start corrosion controls once the first round of six-month sampling results arrived in late March 2015 and showed the water exceeded acceptable lead levels.

DEQ doesn't oversee the Flint WTP so it doesn't have any accountability measures to ensure the WTP is collecting water samples from tier 1 homes, i.e., residences with lead service lines, soldering or plumbing. Instead, DEQ relies on Flint's certification of sample sites. The auditor suggests DEQ should consider an independent verification of the sampling pool or Flint's certifications. In November 2015, Flint admitted that it had no way to ensure the sites were all tier 1. Water samples came from 175 randomly distributed testing bottles. DEQ has asked Flint to verify its prior samples by this Wednesday (12/30).

There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. It was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.

Charts show that most water samples were taken in the sixth month of the six-month testing period. The report said it's tough to determine if the lateness of the sampling affects the accuracy.

The report ends with an excellent timeline. I have attached the report in case you want to review the timeline on page 11.

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
[redacted]
Twitter: @meholland

From: Holland, Meegan (GOV)
Sent: Monday, December 28, 2015 1:14 PM
To: Murray, David (GOV)
Subject: Here is edited version
Attachments: V2 OAG draft statement and summary.docx

I edited the top half and made one little word tweak in the summary. HOWEVER, I'm now about to read Dan Wyant's response. I'll keep you posted on that. That may affect this document….

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397
[redacted]
Twitter: @meholland

Draft statement to respond to reporters:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

Here is a summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

- While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

- In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

- DEQ did not consult with the EPA on how best to apply the Lead and Copper Rule monitoring practices after the switch to Flint water, but from past experience, DEQ believed it was doing so correctly by doing two rounds of six-month monitoring on the new water source before determining optimal corrosion control. The EPA disagreed with DEQ's interpretation of the LCR, but later stated that the LCR was open to interpretation. It then clarified the rule: Corrosion controls already in place when Flint was on Detroit water should have been maintained after the switch.

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- There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. The auditor determined it was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.

- Charts show that most water samples were taken in the sixth month of the six-month testing period. The auditor said it's difficult to determine if the lateness of the sampling affects the accuracy.

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 1:54 PM
To: Holland, Meegan (GOV)
Subject: FW: Ananich Statement

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office [redacted]
[redacted]Twitter:@michigandmurray

-----Original Message-----
From: Dupnack, Jessica [mailto:jessica.dupnack@abc12.com]
Sent: Monday, December 28, 2015 1:56 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Ananich Statement

Just FYI I did do an on cam with him to but this statement came prior to that.

"The Auditor General has provided an important piece of this puzzle and I'm sure the extended report they are working on will reveal additional information," said Ananich. "What's clear is that corrosion control should have been used and there are serious failings in our system that must be addressed. Between the FOIA emails released recently and these findings, it's obvious that legislative oversight is the best way to see how all of these pieces fit together. I expect holding hearings to be high on the agenda when the Legislature returns."

Thanks!
Jessica Dupnack

From: Holland, Meegan (GOV)
Sent: Monday, December 28, 2015 1:56 PM
To: Murray, David (GOV)
Subject: RE: Ananich Statement

Well, maybe legislative hearings won't be a bad thing. Get the EPA and OAG officials in there spelling out just how some things came down....

-----Original Message-----
From: Murray, David (GOV)
Sent: Monday, December 28, 2015 1:54 PM
To: Holland, Meegan (GOV) <HollandM2@michigan.gov>
Subject: FW: Ananich Statement

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office [redacted]
[redacted]Twitter:@michigandmurray

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Thanks!
Jessica Dupnack

From: Wurfel, Brad (DEQ)
Sent: Monday, December 28, 2015 2:09 PM
To: <demerson@gongwer.com>
Cc: Murray, David (GOV)
Subject: Re: Auditor decision on Flint

Is it out?

Sent from my iPhone

On Dec 28, 2015, at 1:46 PM, Danielle Emerson <demerson@gongwer.com> wrote:

> Brad,
>
> Will the DEQ have any response to the Auditor General's opinion about the DEQ/state's handling of the Flint water crisis?
>
> Thanks,
>
> Danielle Emerson
> Gongwer News Service
> 517-482-3500 office
> [redacted]

This email has been checked for viruses by Avast antivirus software.
www.avast.com

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 2:11 PM
To: jessica.dupnack@abc12news.com
Subject: Statement about Office of Auditor General letter

Hi Jessica,

Thank you for your patience and assistance. You can attribute this to me:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

Jessica, for your background, here's a helpful summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

- While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

- In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

- DEQ did not consult with the EPA on how best to apply the Lead and Copper Rule monitoring practices after the switch to Flint water, but from past experience, DEQ believed it was doing so correctly by doing two rounds of six-month monitoring on the new water source before determining optimal corrosion control. The EPA disagreed with DEQ's interpretation of the LCR, but later stated that the LCR was open to interpretation. It then clarified the rule: Corrosion controls already in place when Flint was on Detroit water should have been maintained after the switch.

- DEQ should have notified the Flint WTP to start corrosion controls once the first round of six-month sampling results arrived in late March 2015 and showed the water exceeded acceptable lead levels.

- DEQ doesn't operate the Flint WTP so it doesn't have any accountability measures to ensure the WTP is collecting water samples from tier 1 homes, i.e., residences with lead service lines, soldering or plumbing. Instead, DEQ relies on Flint's certification of sample sites. The auditor suggests DEQ should consider an independent verification of the sampling pool or of Flint's certifications. In November 2015, Flint said it had no way to ensure the sites were all tier 1. Water samples came from 175 randomly distributed testing bottles. DEQ has asked Flint to verify its prior samples by this Wednesday (12/30).

- There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. The auditor determined it was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.

- Charts show that most water samples were taken in the sixth month of the six-month testing period. The auditor said it's difficult to determine if the lateness of the sampling affects the accuracy.

From: postmaster@Michigan.gov
Sent: Monday, December 28, 2015 2:11 PM
To: Murray, David (GOV)
Subject: Delivery Final Failure Notice
Attachments: original.eml

Can not deliver the message you sent. Will not retry.

Sender: <MurrayD1@michigan.gov>

The following addresses had delivery problems

<jessica.dupnack@abc12news.com> : Reply from p3plibsmtp02-v01.prod.phx3.secureserver.net[68.178.213.37]:
>>> RCPT TO:<jessica.dupnack@abc12news.com>
<<< 550 5.1.1 <jessica.dupnack@abc12news.com> Recipient not found. <http://x.co/irbounce>

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From: Murray, David (GOV)
Sent: Monday, December 28, 2015 2:13 PM
To: Wurfel, Brad (DEQ)
Subject: RE: Auditor decision on Flint

Just posted to the OAG website.

Senator is sending a statement to reporters. We're sending a statement with a summary of the OAG letter.

From: Wurfel, Brad (DEQ)
Sent: Monday, December 28, 2015 2:08 PM
To: <demerson@gongwer.com>
Cc: Murray, David (GOV)
Subject: Re: Auditor decision on Flint

Is it out?

Sent from my iPhone

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> Brad,
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> Thanks,
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> Danielle Emerson
> Gongwer News Service
> 517-482-3500 office
> [redacted]

This email has been checked for viruses by Avast antivirus software.
www.avast.com

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 2:17 PM
To: Jessica Dupnack - WJRT TV 12
Subject: statement

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From: Murray, David (GOV)
Sent: Monday, December 28, 2015 2:19 PM
To: Holland, Meegan (GOV)
Subject: FW: looking for comment on flint

Looks like there was more to it.

From: Macaluso, Nora [nmacaluso@bna.com]
Sent: Monday, December 28, 2015 2:17 PM
To: Wurfel, Brad (DEQ); Murray, David (GOV); Heaton, Anna (GOV)
Subject: looking for comment on flint

Hi ... any reaction to this? Writing today ...

>>>>>>>>>>>>>>>>>>>>>>>>>>>>

Nora Macaluso
Staff Correspondent

Bloomberg BNA

[redacted]
nmacaluso@bna.com

From: Angela Wittrock [mailto:AWittrock@senate.michigan.gov]
Sent: Monday, December 28, 2015 1:01 PM
To: Angela Wittrock <AWittrock@senate.michigan.gov>
Subject: FOR IMMEDIATE RELEASE: Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

FOR IMMEDIATE RELEASE
December 28, 2015

Contact: Angela Wittrock
Phone: (517) 775-1430

Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

Lawmakers Ananich, Neeley call for more answers, resources

LANSING, Mich. — Senate Democratic Leader Jim Ananich (D–Flint) and State Representative Sheldon Neeley (D–Flint) responded today to an independent review that confirmed that Michigan's Department of Environmental Quality failed to ensure proper corrosion control was used to treat Flint River water and that the State was responsible for the decision to use the river as the City of Flint's primary drinking water source.

The letter from the State Auditor General was the initial response to questions raised by Sen. Ananich in October. The Auditor General is working on a more thorough review and expects to have additional information in the coming months.

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In response to the question about whether corrosion control treatment should have been maintained when the switch for the water source was made to the Flint River, the Auditor General letter concludes, "We believe that corrosion control treatment should have been maintained."

With regard to how the decision was made about using the Flint River as the primary drinking water source, the letter states, "Although the Flint City Council voted in March 2013 in support of moving to the KWA pipeline, the vote was silent on the use of Flint River water as a temporary drinking water source."
This is contrary to recent claims that somehow this local vote was in favor of using the river.

"This is another example of how the state failed initially, and continues to fail by not treating this situation like the emergency it is," Rep. Neeley said. "We need answers, we need action, and we need them sooner rather than later."

Sen. Ananich and Rep. Neeley have been calling for legislative hearings and a more aggressive response since the Flint water crisis began. They also have been working with local and federal officials on securing additional resources to make safe water available to all residents, and to combat the health impacts of the lead that has been consumed.

[*Editor's note: A copy of the Auditor General letter is available upon request.*]

###

Angela Wittrock
Press Secretary
Senate Minority Leader Jim Ananich
...
Boji Tower, Second Floor | Lansing, MI 48909-7536
P: 517.373.1339
[redacted]

Please sign up for our e-news at: Senatedems.com/Ananich

Facebook: jimananich | Twitter: @jimananich

From: Dupnack, Jessica <jessica.dupnack@abc12.com>
Sent: Monday, December 28, 2015 2:20 PM
To: Murray, David (GOV)
Subject: RE: statement

It worked! Thank you.

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Sent: Monday, December 28, 2015 2:17 PM
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From: Holland, Meegan (GOV)
Sent: Monday, December 28, 2015 2:37 PM
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Subject: RE: looking for comment on flint

So sad that they're viewing this through a political lens.

- Meegan

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Staff Correspondent

Bloomberg BNA

[redacted]
nmacaluso@bna.com

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Sent: Monday, December 28, 2015 1:01 PM
To: Angela Wittrock <AWittrock@senate.michigan.gov>
Subject: FOR IMMEDIATE RELEASE: Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

FOR IMMEDIATE RELEASE
December 28, 2015

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Facebook: jimananich | Twitter: @jimananich

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 2:41 PM
To: Holland, Meegan (GOV)
Subject: RE: looking for comment on flint

I noticed that Sen. Ananich and Rep. Neeley are only sending the actual letter "by request." I'm attaching it to any statement. I know reporters will find that useful.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]
Twitter:@michigandmurray

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From: Holland, Meegan (GOV)
Sent: Monday, December 28, 2015 2:43 PM
To: Murray, David (GOV)
Subject: RE: looking for comment on flint

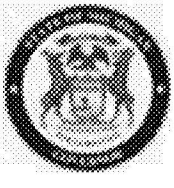
Good idea. Between the actual letter, our highlights and your comments noting the highlights, we can only hope that media will explore the entire picture being painted in the report. Let me know if I can be of any help.

- Meegan

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 2:41 PM
To: Holland, Meegan (GOV) <HollandM2@michigan.gov>
Subject: RE: looking for comment on flint

I noticed that Sen. Ananich and Rep. Neeley are only sending the actual letter "by request." I'm attaching it to any statement. I know reporters will find that useful.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]
Twitter:@michigandmurray



From: Holland, Meegan (GOV)
Sent: Monday, December 28, 2015 2:37 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: looking for comment on flint

So sad that they're viewing this through a political lens.

- Meegan

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 2:19 PM
To: Holland, Meegan (GOV) <HollandM2@michigan.gov>
Subject: FW: looking for comment on flint

Looks like there was more to it.

From: Macaluso, Nora [nmacaluso@bna.com]
Sent: Monday, December 28, 2015 2:17 PM
To: Wurfel, Brad (DEQ); Murray, David (GOV); Heaton, Anna (GOV)
Subject: looking for comment on flint

Hi ... any reaction to this? Writing today ...

>>>>>>>>>>>>>>>>>>>>>>>>>>>>

Nora Macaluso
Staff Correspondent

Bloomberg BNA

[redacted]
nmacaluso@bna.com

From: Angela Wittrock [mailto:AWittrock@senate.michigan.gov]
Sent: Monday, December 28, 2015 1:01 PM
To: Angela Wittrock <AWittrock@senate.michigan.gov>
Subject: FOR IMMEDIATE RELEASE: Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

FOR IMMEDIATE RELEASE
December 28, 2015

Contact: Angela Wittrock
Phone: (517) 775-1430

Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

Lawmakers Ananich, Neeley call for more answers, resources

LANSING, Mich. — Senate Democratic Leader Jim Ananich (D–Flint) and State Representative Sheldon Neeley (D–Flint) responded today to an independent review that confirmed that Michigan's Department of Environmental Quality failed to ensure proper corrosion control was used to treat Flint River water and that the State was responsible for the decision to use the river as the City of Flint's primary drinking water source.

The letter from the State Auditor General was the initial response to questions raised by Sen. Ananich in October. The Auditor General is working on a more thorough review and expects to have additional information in the coming months.

"The Auditor General has provided an important piece of this puzzle and I'm sure the extended report they are working on will reveal additional information," Sen. Ananich said. "What's clear is that corrosion control should have been used and there are serious failings in our system that must be addressed. Between the FOIA emails released recently and these findings, it's obvious that legislative oversight is the best way to see how all of these pieces fit together. I expect holding hearings to be high on the agenda when the Legislature returns."

In response to the question about whether corrosion control treatment should have been maintained when the switch for the water source was made to the Flint River, the Auditor General letter concludes, "We believe that corrosion control treatment should have been maintained."

With regard to how the decision was made about using the Flint River as the primary drinking water source, the letter states, "Although the Flint City Council voted in March 2013 in support of moving to the KWA pipeline, the vote was silent on the use of Flint River water as a temporary drinking water source."
This is contrary to recent claims that somehow this local vote was in favor of using the river.

"This is another example of how the state failed initially, and continues to fail by not treating this situation like the emergency it is," Rep. Neeley said. "We need answers, we need action, and we need them sooner rather than later."

Sen. Ananich and Rep. Neeley have been calling for legislative hearings and a more aggressive response since the Flint water crisis began. They also have been working with local and federal officials on securing additional resources to make safe water available to all residents, and to combat the health impacts of the lead that has been consumed.

[*Editor's note: A copy of the Auditor General letter is available upon request.*]

###

Angela Wittrock
Press Secretary
Senate Minority Leader Jim Ananich
...
Boji Tower, Second Floor | Lansing, MI 48909-7536
P: 517.373.1339
[redacted]

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From: Murray, David (GOV)
Sent: Monday, December 28, 2015 2:46 PM
To: Danielle Emerson - Gongwer
Subject: FW: statement

Hi Danielle,

I heard you had a requested a statement from DEQ. Here is one from our office.

First, here's a copy of the response from Office of the Auditor General:
http://www.audgen.michigan.gov/finalpdfs/15_16/i761032015.pdf

You can attribute this to me:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

Danielle, for your background, here's a helpful summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

· While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

· In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

- DEQ did not consult with the EPA on how best to apply the Lead and Copper Rule monitoring practices after the switch to Flint water, but from past experience, DEQ believed it was doing so correctly by doing two rounds of six-month monitoring on the new water source before determining optimal corrosion control. The EPA disagreed with DEQ's interpretation of the LCR, but later stated that the LCR was open to interpretation. It then clarified the rule: Corrosion controls already in place when Flint was on Detroit water should have been maintained after the switch.

- DEQ should have notified the Flint WTP to start corrosion controls once the first round of six-month sampling results arrived in late March 2015 and showed the water exceeded acceptable lead levels.

- DEQ doesn't operate the Flint WTP so it doesn't have any accountability measures to ensure the WTP is collecting water samples from tier 1 homes, i.e., residences with lead service lines, soldering or plumbing. Instead, DEQ relies on Flint's certification of sample sites. The auditor suggests DEQ should consider an independent verification of the sampling pool or of Flint's certifications. In November 2015, Flint said it had no way to ensure the sites were all tier 1. Water samples came from 175 randomly distributed testing bottles. DEQ has asked Flint to verify its prior samples by this Wednesday (12/30).

- There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. The auditor determined it was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.

- Charts show that most water samples were taken in the sixth month of the six-month testing period. The auditor said it's difficult to determine if the lateness of the sampling affects the accuracy.

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 2:48 PM
To: Dupnack, Jessica
Subject: RE: statement

Looks like only some of our conclusions went through, so I'm sending again.

Conclusions:

· While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

· In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

· DEQ did not consult with the EPA on how best to apply the Lead and Copper Rule monitoring practices after the switch to Flint water, but from past experience, DEQ believed it was doing so correctly by doing two rounds of six-month monitoring on the new water source before determining optimal corrosion control. The EPA disagreed with DEQ's interpretation of the LCR, but later stated that the LCR was open to interpretation. It then clarified the rule: Corrosion controls already in place when Flint was on Detroit water should have been maintained after the switch.

· DEQ should have notified the Flint WTP to start corrosion controls once the first round of six-month sampling results arrived in late March 2015 and showed the water exceeded acceptable lead levels.

· DEQ doesn't operate the Flint WTP so it doesn't have any accountability measures to ensure the WTP is collecting water samples from tier 1 homes, i.e., residences with lead service lines, soldering or plumbing. Instead, DEQ relies on Flint's certification of sample sites. The auditor suggests DEQ should consider an independent verification of the sampling pool or of Flint's certifications. In November 2015, Flint said it had no way to ensure the sites were all tier 1. Water samples came from 175 randomly distributed testing bottles. DEQ has asked Flint to verify its prior samples by this Wednesday (12/30).

· There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. The auditor determined it was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.

· Charts show that most water samples were taken in the sixth month of the six-month testing period. The auditor said it's difficult to determine if the lateness of the sampling affects the accuracy.

From: Dupnack, Jessica [jessica.dupnack@abc12.com]
Sent: Monday, December 28, 2015 2:19 PM
To: Murray, David (GOV)
Subject: RE: statement

It worked! Thank you.

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 28, 2015 2:17 PM
To: Dupnack, Jessica
Subject: statement

Hi Jessica,

Thank you for your patience and assistance. You can attribute this to me:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

Jessica, for your background, here's a helpful summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

* -- While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

* -- In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of

Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

* -- DEQ did not consult with the EPA on how best to apply the Lead and Copper Rule monitoring practices after the switch to Flint water, but from past experience, DEQ believed it was doing so correctly by doing two rounds of six-month monitoring on the new water source before determining optimal corrosion control. The EPA disagreed with DEQ's interpretation of the LCR, but later stated that the LCR was open to interpretation. It then clarified the rule: Corrosion controls already in place when Flint was on Detroit water should have been maintained after the switch.

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 3:03 PM
To: deggert@ap.org
Subject: Response to Office of Auditor General's report on Flint water

Hi Dave, are you writing about the letter the Office of Auditor General wrote about the DEQ and Flint water?

First, here's a copy of the response from Office of the Auditor General:
http://www.audgen.michigan.gov/finalpdfs/15_16/i761032015.pdf

You can attribute this to me:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

Dave for your background, here's a helpful summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

· While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

· In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

- DEQ did not consult with the EPA on how best to apply the Lead and Copper Rule monitoring practices after the switch to Flint water, but from past experience, DEQ believed it was doing so correctly by doing two rounds of six-month monitoring on the new water source before determining optimal corrosion control. The EPA disagreed with DEQ's interpretation of the LCR, but later stated that the LCR was open to interpretation. It then clarified the rule: Corrosion controls already in place when Flint was on Detroit water should have been maintained after the switch.

- DEQ should have notified the Flint WTP to start corrosion controls once the first round of six-month sampling results arrived in late March 2015 and showed the water exceeded acceptable lead levels.

- DEQ doesn't operate the Flint WTP so it doesn't have any accountability measures to ensure the WTP is collecting water samples from tier 1 homes, i.e., residences with lead service lines, soldering or plumbing. Instead, DEQ relies on Flint's certification of sample sites. The auditor suggests DEQ should consider an independent verification of the sampling pool or of Flint's certifications. In November 2015, Flint said it had no way to ensure the sites were all tier 1. Water samples came from 175 randomly distributed testing bottles. DEQ has asked Flint to verify its prior samples by this Wednesday (12/30).

- There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. The auditor determined it was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.

- Charts show that most water samples were taken in the sixth month of the six-month testing period. The auditor said it's difficult to determine if the lateness of the sampling affects the accuracy.

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 3:06 PM
To: Chad Livengood (clivengood@detroitnews.com)
Subject: FW: statement

Hi Chad,

Are you guys writing about the Office of Auditor General letter about the DEQ and Flint water?

First, here's a copy of the response from Office of the Auditor General:
http://www.audgen.michigan.gov/finalpdfs/15_16/I761032015.pdf

You can attribute this to me:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

Chad, for your background, here's a helpful summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

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switch to Flint water, but from past experience, DEQ believed it was doing so correctly by doing two rounds of six-month monitoring on the new water source before determining optimal corrosion control. The EPA disagreed with DEQ's interpretation of the LCR, but later stated that the LCR was open to interpretation. It then clarified the rule: Corrosion controls already in place when Flint was on Detroit water should have been maintained after the switch.

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There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. The auditor determined it was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.

Charts show that most water samples were taken in the sixth month of the six-month testing period. The auditor said it's difficult to determine if the lateness of the sampling affects the accuracy.

From: Eggert, David <DEggert@ap.org>
Sent: Monday, December 28, 2015 3:15 PM
To: Murray, David (GOV)
Subject: RE: Response to Office of Auditor General's report on Flint water

Thx dave

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 28, 2015 3:03 PM
To: Eggert, David
Subject: Response to Office of Auditor General's report on Flint water

Hi Dave, are you writing about the letter the Office of Auditor General wrote about the DEQ and Flint water?

First, here's a copy of the response from Office of the Auditor General:
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You can attribute this to me:

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Dave for your background, here's a helpful summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

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was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

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[IP_US_DISC]

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From: Wurfel, Brad (DEQ)
Sent: Monday, December 28, 2015 3:30 PM
To: Lindsey Smith
Cc: Murray, David (GOV); Wyant, Dan (DEQ)
Subject: RE: FOR IMMEDIATE RELEASE: Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

We agreed with the findings in the Auditor General's review. The findings align with our internal department review. We appreciate the Auditor General's work to provide a fair and well considered look at some key issues.
b

Brad Wurfel
Communications Director,
Michigan Department of Environmental Quality
wurfelb@michigan.gov
[redacted]

From: Lindsey Smith [mailto:lmsmi@umich.edu]
Sent: Monday, December 28, 2015 2:17 PM
To: Wurfel, Brad (DEQ)
Subject: Re: FOR IMMEDIATE RELEASE: Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

I did. Gladly, cause, you know, there's a hell of a lot more in that than how these two would like to paint things. Anyway, let me know if you *do* want to have a say - deadline 330p please and thanks.

On Mon, Dec 28, 2015 at 2:11 PM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:
Did you get a copy of the letter?

Sent from my iPhone

On Dec 28, 2015, at 1:46 PM, Lindsey Smith <lmsmi@umich.edu> wrote:

> Hi Brad,
>
> Not sure if they're just late to the party or sitting on this or what (it's dated Dec 23rd) but editors have deemed this worthy of a couple spot news headlines today. Let me know if you'd like to comment.
>
> Best~
>
> ---------- Forwarded message ----------
> From: **Angela Wittrock** <AWittrock@senate.michigan.gov>
> Date: Mon, Dec 28, 2015 at 1:01 PM
> Subject: FOR IMMEDIATE RELEASE: Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control
> To: Angela Wittrock <AWittrock@senate.michigan.gov>

FOR IMMEDIATE RELEASE

December 28, 2015

Contact: Angela Wittrock

Phone: (517) 775-1430

Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

Lawmakers Ananich, Neeley call for more answers, resources

LANSING, Mich. — Senate Democratic Leader Jim Ananich (D–Flint) and State Representative Sheldon Neeley (D–Flint) responded today to an independent review that confirmed that Michigan's Department of Environmental Quality failed to ensure proper corrosion control was used to treat Flint River water and that the State was responsible for the decision to use the river as the City of Flint's primary drinking water source.

The letter from the State Auditor General was the initial response to questions raised by Sen. Ananich in October. The Auditor General is working on a more thorough review and expects to have additional information in the coming months.

"The Auditor General has provided an important piece of this puzzle and I'm sure the extended report they are working on will reveal additional information," Sen. Ananich said. "What's clear is that corrosion control should have been used and there are serious failings in our system that must be addressed. Between the FOIA emails released recently and these findings, it's obvious that legislative oversight is the best way to see how all of these pieces fit together. I expect holding hearings to be high on the agenda when the Legislature returns."

In response to the question about whether corrosion control treatment should have been maintained when the switch for the water source was made to the Flint River, the Auditor General letter concludes, "We believe that corrosion control treatment should have been maintained."

With regard to how the decision was made about using the Flint River as the primary drinking water source, the letter states, "Although the Flint City Council voted in March 2013 in support of moving to the KWA pipeline, the vote was silent on the use of Flint River water as a temporary drinking water source."

This is contrary to recent claims that somehow this local vote was in favor of using the river.

"This is another example of how the state failed initially, and continues to fail by not treating this situation like the emergency it is," Rep. Neeley said. "We need answers, we need action, and we need them sooner rather than later."

Sen. Ananich and Rep. Neeley have been calling for legislative hearings and a more aggressive response since the Flint water crisis began. They also have been working with local and federal officials on securing additional resources to make safe water available to all residents, and to combat the health impacts of the lead that has been consumed.

[*Editor's note: A copy of the Auditor General letter is available upon request.*]

###

Angela Wittrock
Press Secretary
Senate Minority Leader Jim Ananich
...
Boji Tower, Second Floor | Lansing, MI 48909-7536
P: 517.373.1339
[redacted]

Please sign up for our e-news at: Senatedems.com/Ananich
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Lindsey Smith
West Michigan Reporter
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From: Murray, David (GOV)
Sent: Monday, December 28, 2015 3:44 PM
To: Jim Lynch - Detroit News
Subject: Office of Auditor General letter

Jim,

I heard you were seeking a response to the letter from the Office of the Auditor General.

First, I wanted to make sure you had the letter:http://www.audgen.michigan.gov/finalpdfs/15_16/l761032015.pdf

Here is our statement, which you can attribute to me:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

We appreciate the efforts of the Auditor General and will carefully consider all of the recommendations contained in the letter.

Jim, for your background, here is a summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

- While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

- In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

- DEQ did not consult with the EPA on how best to apply the Lead and Copper Rule monitoring practices after the switch to Flint water, but from past experience, DEQ believed it was doing so correctly by doing two rounds of six-month monitoring on the new water source before determining optimal corrosion control. The EPA disagreed with DEQ's interpretation of the LCR, but later stated that the LCR was open to interpretation. It then clarified the rule: Corrosion controls already in place when Flint was on Detroit water should have been maintained after the switch.

- DEQ should have notified the Flint WTP to start corrosion controls once the first round of six-month sampling results arrived in late March 2015 and showed the water exceeded acceptable lead levels.

- DEQ doesn't operate the Flint WTP so it doesn't have any accountability measures to ensure the WTP is collecting water samples from tier 1 homes, i.e., residences with lead service lines, soldering or plumbing. Instead, DEQ relies on Flint's certification of sample sites. The auditor suggests DEQ should consider an independent verification of the sampling pool or of Flint's certifications. In November 2015, Flint said it had no way to ensure the sites were all tier 1. Water samples came from 175 randomly distributed testing bottles. DEQ has asked Flint to verify its prior samples by this Wednesday (12/30).

- There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. The auditor determined it was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.

- Charts show that most water samples were taken in the sixth month of the six-month testing period. The auditor said it's difficult to determine if the lateness of the sampling affects the accuracy.

From: Wurfel, Brad (DEQ)
Sent: Monday, December 28, 2015 3:44 PM
To: Danielle Emerson (demerson@gongwer.com)
Cc: Murray, David (GOV)
Subject: RE: statement from Ananich

Obviously, I don't think that's a fair assessment. The Governor's 10-point plan includes an unprecedented look at lead levels in Flint schools, free testing around the community, free home water filters until we can be confident the system returns to acceptable levels, and a series of immediate, near-term and long-term steps to protect Flint families. We are doing the work and presenting the data as it comes forward.

I'm a department spokesman. I'm as good as the information I get to work with. And we've tried to do a very careful job of making sure folks in Flint get accurate information on this issue, because it is a very serious one for thousands of families. This administration acknowledged an error in October and has been working hard since then to partner with communities and deliver necessary resources to protect kids and families.

b
Brad Wurfel
Communications Director,
Michigan Department of Environmental Quality
wurfelb@michigan.gov
[redacted]

From: Danielle Emerson [mailto:demerson@gongwer.com]
Sent: Monday, December 28, 2015 2:30 PM
To: Wurfel, Brad (DEQ)
Subject: statement from Ananich

Also while I've got you, if you care to respond to this statement by Senator Ananich (since we're running his year-end story today):

"The administration still, I think, seems to lack the sense of urgency that I expect, but they've done some positive steps in the right direction. They still have folks, Brad Wurfel for one, who are still making statements that aren't really true, I think, to the public. You can't say it's the faucets in the school. If it wasn't for the corrosive, poisonous water, we wouldn't have a problem. It's another example of trying to make it sound like it wasn't their fault as opposed to just fixing the problem."

…That should be all for today. Thanks

This email has been checked for viruses by Avast antivirus software.
www.avast.com

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 3:49 PM
To: Egan, Paul
Subject: Letter from the Office of the Auditor General

Paul, I didn't know if you are writing about the letter from the Office of the Auditor General regarding the DEQ and Flint water.

First, here's a copy of the letter in case you don't have it: http://www.audgen.michigan.gov/finalpdfs/15_16/l761032015.pdfhttp://www.audgen.michigan.gov/finalpdfs/15_16/l761032015.pdf

Our statement:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

We appreciate the efforts of the Auditor General and will carefully consider all of the recommendations contained in the letter.

Paul, for your background, here is a summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

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From: Wurfel, Brad (DEQ)
Sent: Monday, December 28, 2015 3:53 PM
To: Eggert, David
Cc: Murray, David (GOV)
Subject: RE: comment
Attachments: image2015-11-03-155158.pdf; Transmittal of Final redacted Report to MDEQ.pdf; EPA Del Toral memo.pdf

Hey, Dave. The Nov. 3 guidance letter is the first document. The other two are the draft and final EPA "Del Toral" memos. Worth reading.

Our statement on the Auditor General letter (enclosed here: http://www.audgen.michigan.gov/finalpdfs/15_16/i761032015.pdf):

We agreed with the findings in the Auditor General's review. The findings align with our internal department review. We appreciate the Auditor General's work to provide a fair and well considered look at some key issues.

b

Brad Wurfel
Communications Director,
Michigan Department of Environmental Quality
wurfelb@michigan.gov
[redacted]

From: Eggert, David [mailto:DEggert@ap.org]
Sent: Monday, December 28, 2015 3:42 PM
To: Wurfel, Brad (DEQ)
Subject: comment

Brad,

Do you have a comment on this auditor letter? Also, can you give me a copy of the EPA's Nov. 3 guidance re: differing interpretations of the LCR? thx

AP [redacted]

ASSOCIATED PRESS

David Eggert
State government reporter

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF WATER

NOV 03 2015

MEMORANDUM

SUBJECT: Lead and Copper Rule Requirements for Optimal Corrosion Control Treatment for Large Drinking Water Systems

FROM: Peter C. Grevatt, Director
Office of Ground Water and Drinking Water

TO: EPA Regional Water Division Directors, Regions I-X

This memorandum addresses certain concerns raised about the application of the 1991 Lead and Copper Rule, specifically the requirements pertaining to maintenance of optimal corrosion control treatment, in situations in which a large water system ceases to purchase treated water and switches to a new drinking water source. These concerns have been raised most recently in regard to the drinking water system in Flint, Michigan, where the water system was disconnected from the Detroit Water and Sewerage Department, which provided corrosion control treatment for Lake Huron source waters, and instead began distributing water from the Flint River. This type of situation rarely arises and the language of the LCR does not specifically discuss such circumstances. After reviewing the rule with our Office of General Counsel, it appears that there are differing possible interpretations of the LCR with respect to how the rule's optimal corrosion control treatment procedures apply to this situation, which may have led to some uncertainty with respect to the Flint water system. This memorandum clarifies how the LCR applies to this situation and eliminates the uncertainty for water systems and primacy agencies that may face these circumstances in the future.

It is important for large systems and primacy agencies[1] to take the steps necessary to ensure that appropriate corrosion control treatment is maintained at all times, thus ensuring that public health is protected. This memorandum focuses on those steps and clarifies, on a prospective basis, how EPA interprets the LCR corrosion control requirements and how primacy agencies should apply these requirements to large public water systems before, during and after making a significant change in source water, including switching from purchased water to a new source.

Under the LCR, all large systems (those serving more than 50,000 persons), whether purchasing water or not, must have completed a series of steps to either optimize the corrosion control treatment or be deemed to have optimal corrosion control treatment (OCCT) by 1998. 40 CFR 141.81. Key steps for

[1] The term "primacy agency" refers to the State, tribe or U.S. Environmental Protection Agency regional office having jurisdiction over, and primary enforcement responsibility for, a given public water system.

optimizing corrosion control include monitoring, corrosion control studies, installation of treatment, follow-up sampling and specification by the primacy agency of water quality parameters (WQPs) for monitoring corrosion control. The LCR requires any large system that has met the OCCT requirements through the installation of corrosion control treatment to continue operating and maintaining the treatment and to continue meeting the WQPs established by the primacy agency. 40 CFR 141.81(b) and 141.82(g). Systems deemed to have OCCT without the installation of corrosion control treatment are not subject to this requirement. However, they are required to notify the primacy agency in writing of any upcoming changes in treatment or source and request that the primacy agency modify its determination of the OCCT and WQPs applicable to the system. The primacy agency must then review and approve the change and designate OCCT and WQPs prior to its implementation by the system. 141.81(b)(3). Similarly, systems subject to reduced monitoring or monitoring waivers must notify the primacy agency of any upcoming changes in treatment or source and the primacy agency must subsequently review and approve it. EPA recommends that systems that are not subject to a notification requirement also notify the primacy agency prior to the addition of a new source or treatment and request the primacy agency to modify its determination of the optimal corrosion control and WQPs applicable to the system.

Due to the unique characteristics of each PWS (e.g., source water, existing treatment processes, distribution system materials) it is critical that public water systems, in conjunction with their primacy agencies and, if necessary, outside technical consultants, evaluate and address potential impacts resulting from treatment and/or source water changes. It is also critical for public water systems to conduct ongoing monitoring to ensure compliance with OCCT prior to, during and after a source or treatment change. The rearrangement of a system's existing configuration may trigger the need for OCCT adjustments and establishment of appropriate WQPs. Primacy agencies should work with systems that plan to disconnect from a supplier that had installed corrosion control treatment to determine the OCCT for the new source and establish WQPS for that treatment instead of using the OCCT and WQPs established for the previous source. This will allow a system that ceases to purchase treated water to stay in compliance with any applicable requirements pertaining to OCCT and ensure protection of public health during and after the change in source. EPA has developed a guidance manual[2] specifically focusing on evaluation of corrosion control treatment options and optimization of full-scale treatment to assist water systems and primacy agencies with these efforts. EPA is currently preparing an updated version of the manual, which we anticipate will be released in February 2016.

The key to identifying and mitigating potential problems is to ensure effective collaboration between the public water system and the primacy agency. Corrosion control treatment can come in many forms. For this reason, it is important to conduct a system-wide assessment prior to any source water and/or treatment modifications and to identify existing or anticipated water quality, treatment or operational issues that may interfere with or limit the effectiveness of corrosion control treatment optimization or re-optimization.

If you have additional questions or concerns, please contact me or have your staff contact Maria Lopez Carbo, Chief of the Protection Branch, in the Office of Ground Water and Drinking Water, at lopez-carbo.maria@epa.gov.

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[2] U.S. Environmental Protection Agency. *Lead and Copper Rule Guidance Manual, Volume II: Corrosion Control Treatment.* Office of Water. EPA 811-B-92-002. 1992. Available at: http://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=91019DM4.txt.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGIONAL ADMINISTRATOR
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:

MEMORANDUM

DATE: November 4, 2015

SUBJECT: Transmittal of Final Report - High Lead at Three Residences in Flint, Michigan

FROM: Tinka G. Hyde
Water Division Director

TO: Jim Sygo
Deputy Director
Michigan Department of Environmental Quality

Howard Croft
Director of Flint Public Works

Enclosed please find for your file a final redacted version of a report prepared by EPA Scientist, Miguel Del Toral, regarding lead in drinking water at three residences in Flint, Michigan. The redactions remove personally identifiable and medical information. This report has been finalized and is also being provided to the National Drinking Water Advisory Council (NDWAC) for discussion during their upcoming meeting on November 17-19, 2015. We understand you saw an earlier version of this document; and note that most of the recommendations in that interim report are already being implemented (e.g., the City of Flint has switched back to Detroit water; filters have been provided to residents; and additional corrosion control treatment will be implemented).

The final report contains important new information indicating that physical disturbances of lead service lines can dislodge the protective coating that prevents lead from leaching into drinking water. The final report recommends notifying residents about the potential risks of increased lead levels in drinking water when work is undertaken that may disturb lead service lines.

cc: Natasha L. Henderson, City of Flint Administrator

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High Lead Levels in Flint, Michigan

The purpose of this report is to present the findings of activities conducted in response to high lead levels in drinking water reported to the United States Environmental Protection Agency Region 5 Office (EPA) by a resident in the City of Flint, Michigan.

Background Information

Prior to April 30, 2014, the City of Flint purchased water from the City of Detroit. On April 30, 2014, the City of Flint switched from utilizing purchased water from Detroit to a new water source, the Flint River. Subsequent to the change in source water, the City of Flint experienced a number of water quality issues resulting in violations of National Primary Drinking Water Regulations (NPDWR) including acute and non-acute Coliform Maximum Contaminant Level (MCL) violations and Total Trihalomethanes (TTHM) MCL violations (see Appendix A).

Beginning in January 2015, [redacted], a resident of Flint, called the Flint Water Department (FWD) regarding the water quality in her home. In response to the initial and subsequent calls, the FWD visited the [redacted] home on a number of occasions and also collected tap water samples. [redacted] also contacted EPA regarding these same water quality issues and medical issues she believes are associated with the water quality in Flint.

Following initial calls on the general water quality, on February 26, 2015, [redacted] contacted EPA regarding high lead levels found in her drinking water by the City of Flint. The result of the initial lead in water sample collected by the City of Flint on February 18, 2015 from the [redacted] home was 104 µg/L and the level of iron in the water exceeded the capability of the instrument to measure (>3.3 mg/L). On February 26, 2015, upon receiving the lead results from [redacted], the EPA contacted the Michigan Department of Environmental Quality (MDEQ) regarding the high lead result. The MDEQ advised that the City of Flint collect a follow-up sample for lead at the [redacted] home.

On March 3, 2015, the City of Flint collected a follow-up sample for lead at the [redacted] residence and the result of this second sample was 397 µg/L[1]. Subsequent to receiving her second result, EPA spoke to [redacted] via phone on March 19, 2015, and the following information was provided by [redacted]:

- The [redacted] home is a HUD home which was gutted and renovated in 2011. All existing plumbing had been removed and the [redacted] installed plastic plumbing.
- Due to high iron levels in the tap water, the [redacted] installed an iron filter downstream of the service line inlet into the home.
- [redacted] indicated that at this time they are not drinking the water or using it for cooking. She stated that her child's blood lead level (BLL) was originally at [redacted] in 2012 and that a more recent test showed it had increased to [redacted], but she noted that

[1] *Note: A third water sample had been collected on April 2, 2015, but the results had not been provided to the [redacted] at the time the interim report was written. The third lead in water sample result was 707 µg/L*

the BLL testing was done well after the child had stopped drinking the water and may have been higher during the time the child was consuming the water.

- Water samples collected by the City of Flint from her home were collected from the kitchen tap after the iron filter was physically removed.
- The Flint Water Department (FWD) informed [redacted] that her service line does not connect to the water main in front of her home as is typically the case for most homes.
- On March 18, 2015, City of Flint personnel went to the [redacted] home to locate the external shut-off valve in conjunction with the planned replacement of the [redacted] service line and were unsuccessful. Eventually it was discovered that the external shut-off valve was located at the corner of [redacted] and Bryant Street, two houses down from the [redacted] home.

As part of EPA's effort to respond to [redacted] concerns regarding her water results, EPA contacted the FWD. The following information was provided to EPA by the FWD:

- [redacted] home is one of the first homes built on the block and the service line runs for approximately 50-60 yards, connecting to the water main on Bryant Street which runs perpendicular to [redacted] (see Appendix A).
- Flint has a large number of lead service lines, so it would not be surprising to find that this is a very long lead line.
- The first sample from the [redacted] home was collected with the iron filter in place, and the second was with the iron filter physically removed. The iron filter was located just after the water meter.
- [redacted] showed FWD a video of her son 10 minutes after taking a bath, and that he had a full body rash in the video.

It was a common practice in the early 1900s to purchase large parcels of land and later subdivide them. Since service lines are typically run from the water main to the nearest location on a property and it is possible that the [redacted] home may have originally been part of a larger parcel of land that encompassed the two homes that now exist adjacent to the [redacted] home and was subsequently divided, leaving the original home connected to the same service connection and water main, while the newer homes were connected to a more recent water main installed along [redacted].

Based on a suspected conflict of interest at the healthcare facility that originally tested her son's BLL, [redacted] took her son to a different healthcare facility to have his blood lead tested again. On April 1, 2015, [redacted] provided EPA with a copy of her child's blood lead testing performed on March 27, 2015, showing a higher BLL ([redacted]) than the original test.

Due to the persistently high lead results, the FWD shut off the water service to the [redacted] home on April 3, 2015. Per agreement between the FWD and [redacted], her home was then connected to her neighbor's home via a garden hose, from one hose bib to another. This was understood to be a temporary measure until the [redacted] service line could be replaced. The [redacted] used this water connection only for bathing, washing dishes and washing clothes.

At the invitation of [redacted], EPA visited the [redacted] home on April 27, 2015, and reviewed the internal plumbing and information provided by [redacted], including water samples and spent filter cartridges. During this visit, EPA observed that the internal pipes, valves and connectors at the [redacted] residence were made of CPVC plastic, approved by NSF for potable drinking water applications, with a few minor metal connectors. A review of the treatment units in the home by EPA found that there was no iron filter in the home as had previously been thought. The only active treatment device in the home was a whole-home sediment filter which utilizes NSF certified Whirlpool WHKF-WHWC cartridge filters for sediment removal and taste/odor. There was also a non-functioning 'Water Resources International Hydro-Quad Commercial Water Processor' which was bypassed (see Appendix A).

At the request of [redacted], Dr. Marc Edwards at Virginia Tech provided sampling instructions to [redacted] for collecting a series of samples from her home. As part of the instructions, on the night of April 27, 2015, the water at the [redacted] residence was turned back on temporarily and the kitchen tap was flushed for 25 minutes at low flow prior to letting the water sit overnight. A series of sequential samples were collected the following morning (April 28, 2015) and sent to Dr. Edwards for analysis.

Dr. Edwards provided [redacted] with the results of the analyses and also shared the results with EPA on May 5, 2015, along with information regarding other chemical parameters tested (see Appendix B). In addition to very high lead levels in all sample results, the analytical data shows a correlation between lead and phosphate as well as lead and aluminum in all samples. On April 24, 2015, EPA had learned that Flint did not have corrosion control treatment in place and also learned that Flint was using ferric chloride as a coagulant. Consequently, as the City of Flint is not utilizing phosphate or alum as treatment chemicals since the source switch, the results indicate that it is likely that the phosphate and aluminum were being released from the scale within the distribution system network. This scale would have formed on the inside of the pipes in Flint during the time when the City was purchasing water from Detroit, as Detroit utilizes orthophosphate for corrosion control and alum as a coagulant in their water filtration process.

Research conducted by EPA on lead content in pipe scales has shown that scales which form on the inside of lead pipes can be released or dislodged into the water and may contain a high percentage of lead (Appendix C). Although the results received from Virginia Tech were indicative of the presence of a lead service line, the FWD indicated that no records existed to confirm whether any portion of the service line connecting to the [redacted] home was made of lead. However, given the high lead levels found, it was presumed that at least a portion of the service line was likely made of lead. In the course of following up on the high lead at the [redacted] home, additional sample results provided to EPA from other residences in Flint also showed high lead levels.

Primarily from a public health standpoint, but also from a research standpoint, it was important to try to find out what the cause of these very high lead levels might be. EPA Region 5, EPA's Office of Research and Development and others have been working

together collaboratively to better understand lead release mechanisms from lead service lines in anticipation of upcoming revisions to the Lead and Copper Rule (LCR) and as part of a collaborative effort in EPA Region 5 to study potential options for optimizing phosphate treatment to control lead in water and the need to reduce phosphorus discharges into the environment. Since the [redacted] service line was scheduled for replacement on May 6, 2015 and the presumption was that at least a portion of the service line was lead, EPA visited the [redacted] home on the day of the service line replacement to gather information and service line pipe samples that could provide additional information as to how lead levels could get as high as they did in this case.

The original service line to the [redacted] home was disconnected and two service line pipe segments from this service line were extracted on May 6, 2015. Additional tap water samples were collected also from two homes on Bryant Street that were connected to the same water main as the [redacted] home (Appendix A). The samples were collected from these homes as they had more typical service line lengths as compared with the [redacted] home. During the same visit, patches of asphalt were also noted along the curb on Browning Avenue, indicating that excavation had occurred. These patches, which were in proximity of the [redacted] service line in the parkway (see Appendix C) may be one of the potential factors contributing to the high lead at the [redacted] home, as it has been shown that physical disturbances to pipes can dislodge the scales within those pipes.

The two service line segments that were extracted were subsequently identified as galvanized iron pipe. Analyses conducted by Virginia Tech on the extracted portions of the pipe indicate that the galvanized iron pipe was fairly typical in terms of composition (see Appendix C). The galvanized iron portion ran from inside the [redacted] home to the external shut-off valve at the corner of [redacted] and Bryant Street. The remainder of the [redacted] original service line from the shut-off valve to the water was made of lead.

Although the service line had been disconnected from the [redacted] home, it was not possible to retrieve a segment of the lead portion of the service line as it was beyond the shut-off valve which had been closed and left in place. Following the disconnection of the original service line, a new service line made of copper was installed from the [redacted] home to the water main in front of the home on [redacted]. Subsequent to the replacement of the service line at the [redacted] home, water samples were also collected from the [redacted] home and sent to the EPA Chicago Regional Laboratory for analysis. In all three homes, the sequential samples were collected using standard protocols used in prior sequential sampling efforts to capture water samples reflecting lead levels from the kitchen tap to the water main. Two additional samples were collected from the water heater drain valve at the [redacted] home to determine if lead deposits had accumulated in the water heater, and a final sample was collected from the bathroom tap. The sequential sampling results indicate that the service line replacement eliminated the high lead levels and that no residual lead had accumulated within the plastic plumbing of the [redacted] residence, which was a potential concern and possibility based on prior research. One of the two samples collected from the [redacted] hot water heater had high lead (32 µg/L), likely from lead particulate that had accumulated in the tank, and the sample collected from the bathroom was 5.5 µg/L.

The sequential samples collected from the two homes on Bryant Street had differing results. At the first home (Site 2), a series of 15 sequential one-liter samples were collected and the results are indicative of a service line that does not contain any portion that is made of lead. Consequently the lead results were low overall for samples representative of the service line. The first sample in the sequential sampling series was the highest, which potentially indicates the presence of leaded brass in the faucet or underlying sink fixtures. Some leaded brasses manufactured prior to the 2011 lead-free law have been shown to release high levels of lead in certain water qualities. Leaded-solder was ruled out as the home plumbing consisted of galvanized iron pipe, and it is presumed that if the galvanized iron pipe were contributing the higher lead, the lead levels would be more consistent in all 15 samples.

At the second home (Site 3), a series of 15 sequential one-liter samples were collected from the kitchen tap and the results indicated that there were no significant sources of lead within the home plumbing but that a portion of the service line is likely made of lead, as indicated by the characteristic peaking of lead levels in the liters capturing water from the service line between the property and the water main, where the portions of many service lines in Flint are made of lead.

All three sets of sequential samples were analyzed for lead, copper, iron, phosphorus and cadmium. In contrast to the samples analyzed by Virginia Tech from the [redacted] home prior to the removal of the original service line, no phosphorus was present in the sequential samples at the [redacted] home following the replacement of the service line. In addition, no phosphorus was detected in the sequential samples from the two homes on Bryant Street. These results indicate that the source of high lead, aluminum and phosphorus in the analyses conducted by Virginia Tech was likely dislodged or disintegrated scale from within the [redacted] original service line.

The sequential sampling results from the [redacted] home before and after service line replacement, as well as the results from the two homes on Bryant Street are included in Appendix B.

Although relative contributions cannot be determined, there are a number of factors that could have contributed to the high lead levels found at the [redacted] home as follows:

1) Corrosiveness of water and lack of mitigating (corrosion control) treatment

The corrosiveness of the water and the absence of mitigative treatment to control lead release are well known factors that can contribute to high lead release.

2) Presence of a lead service line

Lead service lines are the largest source of lead, when present, and can contribute up to 75 percent of the total mass of lead released into the water. The portion of the original service line from the water main to the external shut-off valve at the corner of [redacted] and Bryant Street, estimated to be approximately 25 feet in length, was found to be a lead

pipe. In addition, studies have also shown that the scales within galvanized iron pipe downstream of lead pipe segments can be 'seeded' with lead from the lead portion of the service line. The [redacted] service line was much longer than most typical service lines which would allow accumulation of a greater total mass of scale within the pipe.

3) Physical disturbances

A recent EPA study indicates that physical disturbances in proximity to lead service lines can cause the dislodging of the protective scales from within the service lines. The photograph in Appendix C shows the scale that was dislodged from inside a lead service line during routine maintenance work in another city due to a physical disturbance of the line. The dislodged scale and sediment contained a very high concentration of lead. At the time of the EPA visit to the [redacted] home, there were two patches of new asphalt visible on [redacted] along the parkway where the [redacted] original service line was located, indicating recent excavation and possible recent physical disturbances to the [redacted] service line (Appendix C). These potential disturbances were along the galvanized iron section of the service line and as noted above, research has shown that the presence of lead pipe upstream can 'seed' the galvanized iron pipe downstream with lead, which results in an accumulation of lead-bearing scales within the galvanized pipe downstream of the lead portion of the service line. It is reasonable to assume that these physical disturbances to the galvanized iron portion of the service line could therefore result in the same dislodging of scale and sediment as studies have shown can happen with lead service lines.

The street disturbances on [redacted] occurred after the [redacted] moved into the home along the portion of the service line made of galvanized iron pipe. There were no visible signs of disturbance on Bryant Street where the lead portion of the [redacted] service line was situated (see Appendix C). It is likely, given the extremely high lead levels found and the co-occurrence of aluminum, phosphorus and lead, that the long segment of galvanized iron pipe was seeded with lead over the entire length of the pipe and the physical disturbances and other factors such as the water chemistry resulted in the release of large amounts of the high-lead bearing scale and sediment into the water. Virginia Tech also found nearly perfect correlations between the lead in water and markers for galvanized pipe scales including zinc.

<u>Recommendations</u>

As indicated by the results from the [redacted] home and previous EPA work, the presence of lead pipes over many years has likely resulted in the accumulation of lead in the scales within non-lead pipes downstream of the lead pipe and physical disturbances to the leaded or non-leaded portions of the service lines have the potential to release large amounts of scale and sediment that could pose an immediate and acute health hazard to the residents. Consequently, even with corrosion control treatment in place in the future, physical disturbances will be capable of dislodging the high lead-bearing scale and sediment from non-lead pipes as well as lead pipes, as was the case in the earlier EPA study.

Obtaining information on the lead reservoirs in the scales within the lead and non-leaded portions of intact service lines is essential for determining the potential risk to residents

from lead-bearing scale released as lead lines are replaced as well as the risk that may remain following removal of the lead lines, where the non-leaded portions of service lines are left in place.

As the [redacted] service line was very long compared to the length of most typical service lines, it is important to assess the potential risk posed by the scale reservoirs in more typical lengths of service lines by extracting both the leaded and non-leaded portions of service lines which have not been physically disturbed. The service lines chosen for extraction and analysis should be representative of the materials commonly used downstream of the lead pipe (e.g., galvanized iron, copper, plastic). Extraction/handling procedures should be developed by EPA to ensure that damage to the scales from the excavation, extraction and delivery of the service line segments is minimized. Sequential sampling should also be conducted on a representative group of homes with common plumbing materials (e.g., galvanized iron, copper, plastic) to determine the extent to which the lead from the service line has seeded the interior plumbing in homes.

It is also critically important to develop and incorporate ongoing training and public education on the potential for high lead release from the scales as a result of any future physical disturbances to service lines and mitigative actions that residents can take to lower their exposure risk. The training and educational material should be assessed for clarity, meaningfulness, and accessibility by a group of residents and health experts to ensure the effectiveness of the communications.

At a minimum, immediate training and public education on the potential risks posed by physical disturbances to service lines should be developed by communications experts and provided to residents, community groups, elected officials, health departments, pediatricians and gynecologists, water and non-water utilities (gas, electric, cable, etc.), plumbing organizations and contractors. Residents should be notified of scheduled work by water and non-water utilities and informed of the potential risk of increased lead levels due to these disturbances.

Appendix A – Background Information

National Primary Drinking Water Regulations (NPDWR) Violations – City of Flint

Following the switch to the Flint River, the City of Flint experienced a series of NPDWR violations as follows:
Acute Coliform MCL violation in August 2014
Monthly Coliform MCL violation in August 2014
Monthly Coliform MCL violation in September 2014
Average TTHM MCL violation in December 2014
Average TTHM MCL violation in March 2015
Average TTHM MCL violation in June 2015

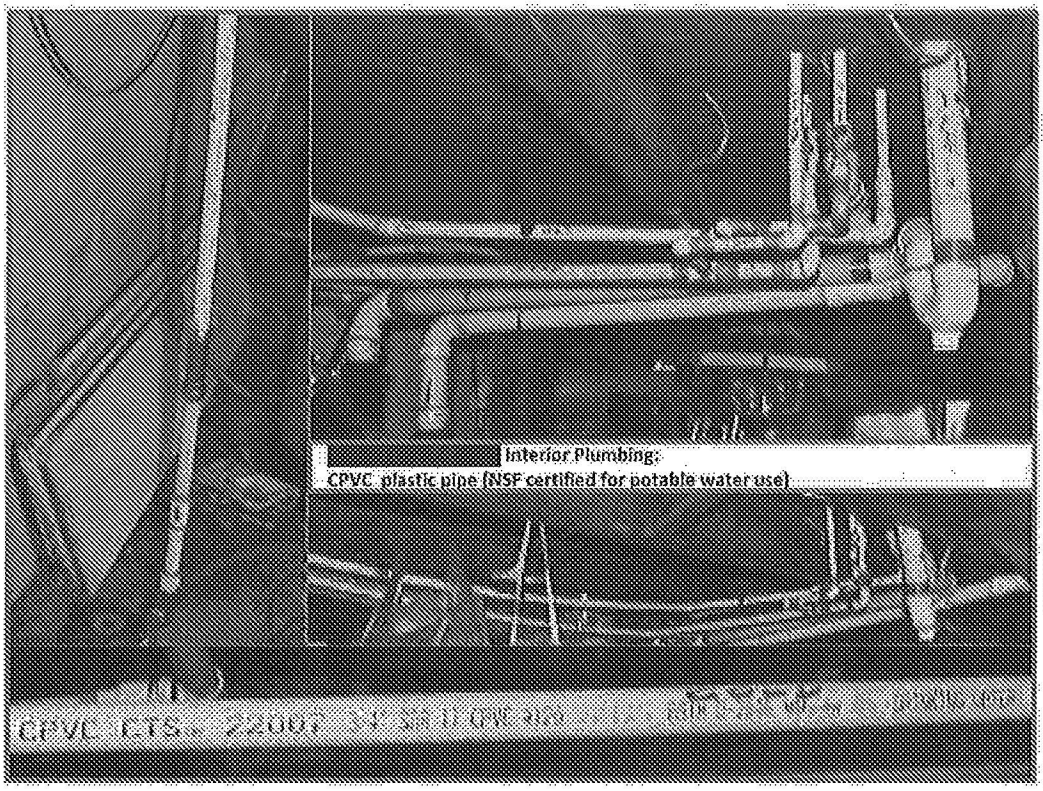
Sampling Sites

The map below shows the three homes that were sampled as provides information on the length of the service lines and the plumbing material. Two portions of the original service line were extracted and analyzed and a third portion was collected from the entry point into the home, but not analyzed.

[map redacted because it shows Personally Identifiable Information]

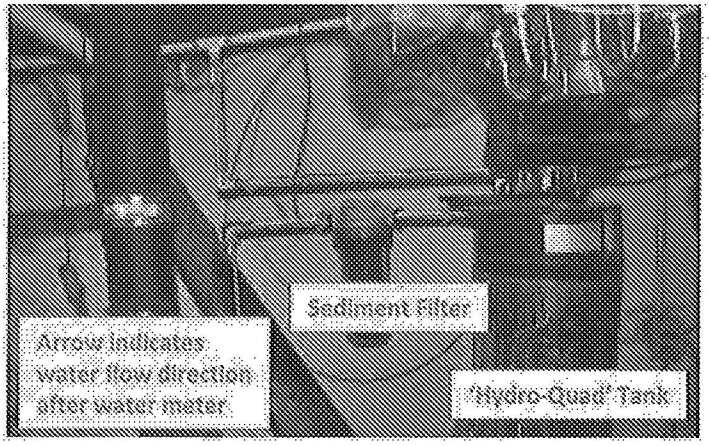
Internal Plumbing – [redacted]

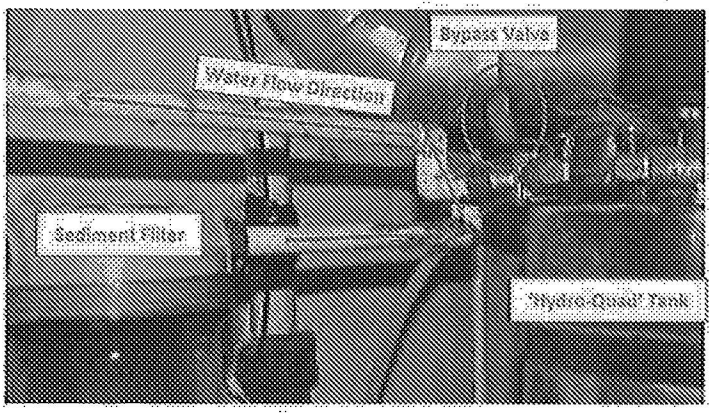
The following pictures were taken at the [redacted] home located at [redacted]. With the exception of a a few minor metallic connectors, all potable water plumbing in the home was found to be CPVC plastic pipe which is NSF-certified for drinking water use.

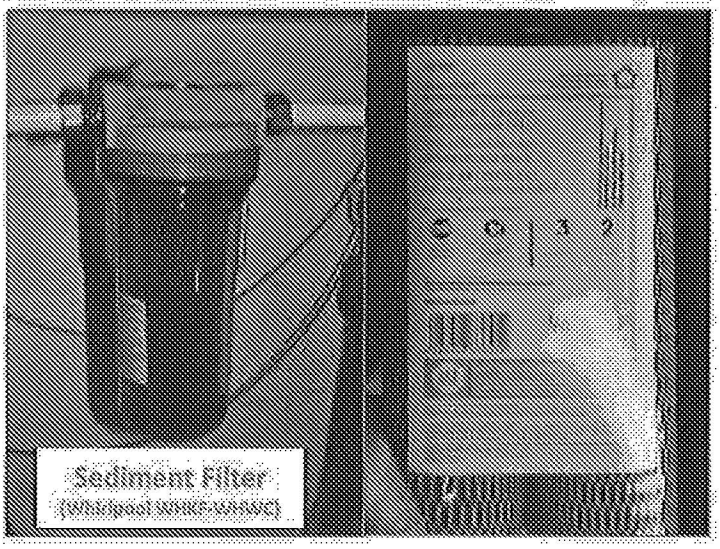


Treatment Units – [redacted]

The [redacted] home has a whole-home sediment filter, as well a non-functioning 'Hydro-Quad Commercial Water Processor' which is bypassed. There was no iron filter in the home as had been previously reported.







Appendix B – Analytical Results

Lead in water sampling results from the [redacted] residence ([redacted])

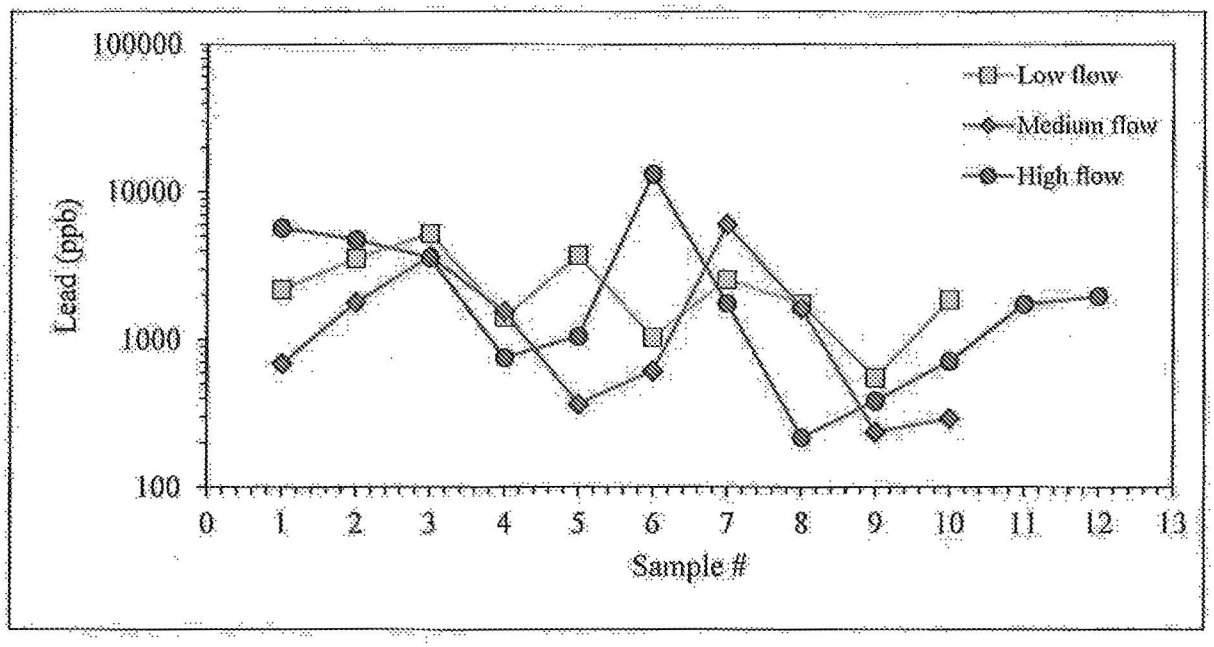
City of Flint Samples

The City of Flint collected water samples from the [redacted] residence and analyzed them for lead. The results for each date are listed below.
February 18, 2015: 104 µg/L
March 3, 2015: 397 µg/L
April 2, 2015: 707 µg/L*

*This sample result had not been provided to the [redacted] at the time the interim report was written.

Virginia Tech Sampling Results (provided courtesy of Virginia Tech)

Samples were collected from the [redacted] home following an extended stagnation period (April 3, 2015 to April 27, 2014) after the water at the [redacted] residence had been shut off. The water was turned back on and three sets of sequential samples were collected on April 28, 2015, at different flow rates (low, medium and high).



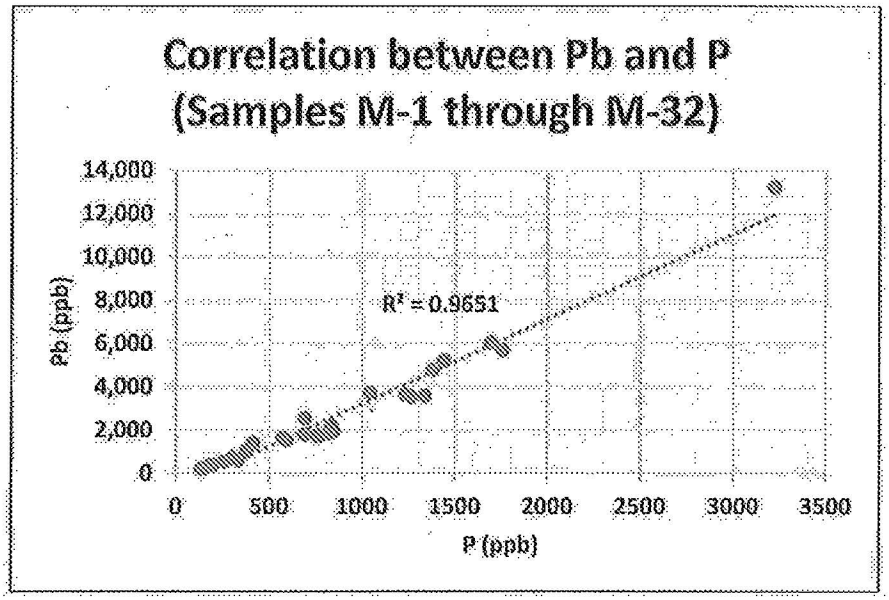
	Low Flow									
	1 L Sample Bottle							125 mL Sample Bottle		
Element (units)	M-1	M-2	M-3	M-4	M-5	M-6	M-7	M-21	M-22	M-23
Ag (ppb)	0	0	0	0	0	0	0	0	0	0
Al (ppb)	2,285	4,199	7,683	1,856	5,623	1,422	3,413	1,865	666	2,015
As (ppb)	3.3	3.9	4	2	3.2	2	2.6	3.6	1.9	3.1
Ba (ppb)	31.3	39.8	27.7	21.2	24.2	20.9	22.8	31.3	21.3	32.6
Ca (ppb)	43,150	43,620	43,580	42,590	43,030	42,030	42,440	40,790	41,050	41,460
Cd (ppb)	2.5	4.2	5.7	1.9	3.9	2	2.5	2.2	1.4	2.4
Cl (ppm)	1,206	1,148	1,272	1,178	1,187	1,214	1,218	1,641	1,076	1,044
Co (ppb)	1.1	1.7	0.9	0.4	0.7	0.4	0.5	0.9	0.3	1
Cr (ppb)	2.1	2.5	2.6	1.3	1.9	1.6	1.5	1.8	1.3	1.7
Cu (ppb)	235	355	294	94	146	101	112	180	82	178
Fe (ppb)	3,598	4,928	3,419	1,446	3,029	2,142	1,780	3,096	1,344	3,241
K (ppb)	3,480	3,508	3,445	3,435	3,430	3,391	3,409	3,256	3,319	3,341
Mg (ppb)	10,310	11,910	17,990	11,290	15,470	10,610	12,720	8,861	9,396	9,098
Mn (ppb)	1,734	2,790	1,093	462	703	429	652	1,382	442	1,509
Mo (ppb)	2.3	2.3	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.8
Na (ppb)	17,790	17,860	17,810	17,620	17,650	17,410	17,610	16,960	17,100	17,280
Ni (ppb)	9.8	16	30.7	8.1	23.2	6.2	15.3	6.6	3.7	6.8
P (ppb)	835	1,267	1,441	416	1,040	379	691	773	261	819
Pb (ppb)	2,171	3,550	5,224	1,412	3,735	1,038	2,542	1,759	552	1,857
S (ppm)	28.5	28.7	28.5	28.4	28.5	28	28	26	27	27.1
Se (ppb)	0.2	0	-0.1	0.1	0.2	0	0.3	0	0	0.2
Si (ppb)	3,212	5,281	12,320	4,474	9,401	3,770	6,231	2,619	2,582	2,775
Sn (ppb)	4.6	4.9	6.1	2.2	4.5	2.3	3	2.3	1.5	2.3
Sr (ppb)	129.4	132.3	128.5	125	127.7	125.3	126.1	126.3	125.5	128
Ti (ppb)	3.4	5.8	8.3	2.1	5.8	1.9	3.1	3	1.4	3.1
U (ppb)	1	1.6	2.6	0.8	1.9	0.7	1.2	0.9	0.4	0.9
V (ppb)	13.9	17.5	23.9	9.8	17.6	8.9	13.8	12.2	6	10.8
Zn (ppb)	1,055	1,848	2,731	777	1,890	839	979	746	513	808

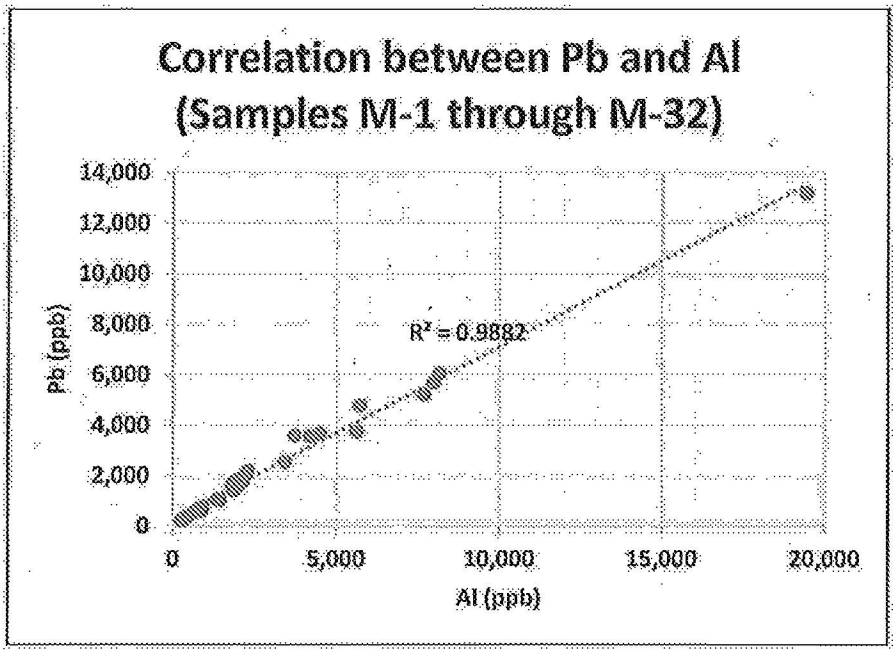
	Medium Flow									
	1 L Sample Bottle							125 mL Sample Bottle		
Element (units)	M-8	M-9	M-10	M-11	M-12	M-13	M-14	M-24	M-25	M-26
Ag (ppb)	0	0	0	0	0	0	0	0	0	0
Al (ppb)	891	2,142	4,493	1,810	431	877	8,159	2,005	286	347
As (ppb)	2.2	2.9	3.9	2.5	2	2.3	4.6	2.7	1.8	2
Ba (ppb)	22	29.1	36.3	28	18.9	22.6	37.1	26.2	18.9	19.4
Ca (ppb)	41,520	41,580	42,080	41,490	41,020	40,850	42,010	40,940	41,110	40,550
Cd (ppb)	1.5	2.4	4	2.1	1	1.5	4.9	2.9	0.9	1
Cl (ppm)	1,329	1,211	1,252	1,225	1,507	1,321	1,324	1,179	1,258	1,318
Co (ppb)	0.4	0.8	1.3	0.7	0.2	0.4	1.4	0.7	0.2	0.2
Cr (ppb)	1.1	1.5	2.2	1.4	1.2	1.1	3.5	2.1	1.1	1.1
Cu (ppb)	104	151	257	144	65	119	267	166	52	59
Fe (ppb)	1,510	2,476	4,254	2,258	912	1,471	4,563	3,450	711	820
K (ppb)	3,363	3,391	3,370	3,352	3,344	3,311	3,360	3,308	3,356	3,311
Mg (ppb)	9,769	9,960	12,360	9,703	9,331	9,513	16,430	10,820	9,237	9,166
Mn (ppb)	498	1,185	1,878	1,052	231	536	1,947	967	167	220
Mo (ppb)	1.8	1.8	1.8	1.9	1.8	1.8	2.2	2	1.7	1.7
Na (ppb)	17,240	17,370	17,370	17,310	17,190	17,010	17,320	17,020	17,140	16,950
Ni (ppb)	4.1	7.7	16.2	6.8	2.7	3.8	33	7.7	2.1	2.4
P (ppb)	321	690	1,233	595	178	332	1,697	573	144	163
Pb (ppb)	688	1,791	3,655	1,549	366	616	6,048	1,631	237	292
S (ppm)	27.6	27.5	27.3	27.3	27.1	26.9	27	26.4	27	26.6
Se (ppb)	0	0	0.2	0.1	0.1	0.2	0.2	0.3	0.1	0
Si (ppb)	2,892	3,591	6,180	3,307	2,445	2,756	11,280	4,184	2,274	2,303
Sn (ppb)	2.2	2.6	4.4	2.5	1.4	1.8	4.9	3	1	1.1
Sr (ppb)	124	128	128	126	124	124	128	126	125	124
Ti (ppb)	1.6	2.9	5.5	2.5	1	1.2	7.7	2.7	0.4	0.6
U (ppb)	0.5	0.9	1.7	0.9	0.4	0.5	2.7	0.9	0.3	0.3
V (ppb)	8.4	11.9	17.5	10.4	8.2	8.4	25.1	9.7	6	7.4
Zn (ppb)	657	933	1,669	836	366	592	1,934	1,304	305	337

	High Flow											
	1 L Sample Bottle						125 mL Sample Bottle					
Element (units)	M-15	M-16	M-17	M-18	M-19	M-20	M-27	M-28	M-29	M-30	M-31	M-32
Ag (ppb)	0	0	0	0	0	0	0	0	0	0	0	0
Al (ppb)	7,984	5,713	3,714.	912	1,354	19,440	1,893	248	455	822	1,859	2,176
As (ppb)	5	4.1	4.3	1.9	2.1	7.4	2.9	2	2.2	2.3	3.2	3.4
Ba (ppb)	40	37	45	21	22	41	32	19	20	22	31	34
Ca (ppb)	42,200	41,870	41,760	41,120	41,110	43,860	41,410	40,730	40,990	40,550	41,000	41,050
Cd (ppb)	5.6	4.1	3.7	1.4	1.9	9.3	2.2	0.9	1.2	1.6	2.1	2.5
Cl (ppm)	1,347	1,261	1,088	1,150	1,138	1,285	891	1,261	1,309	1,215	1,121	1,226
Co (ppb)	1.6	1.4	1.7	0.4	0.4	1.9	0.9	0.2	0.3	0.4	0.9	1
Cr (ppb)	2.8	2.4	2.6	1.3	1.3	4.8	1.7	1.1	1.5	1.5	1.6	1.8
Cu (ppb)	541	24	276	89	105	351	165	52	70	96	167	192
Fe (ppb)	4,926	4,288	5,323	1,509	1,705	6,491	3,074	667	1,215	1,591	3,026	3,349
K (ppb)	3,363	3,350	3,343	3,327	3,305	3,410	3,361	3,320	3,348	3,287	3,333	3,331
Mg (ppb)	15,910	13,430	9,758	9,633	10,240	29,890	9,110	9,158	9,305	9,462	9,051	9,157
Mn (ppb)	2,067	2,058	2,818	498	503	1,975	1,401	149	301	534	1,369	1,638
Mo (ppb)	2	2	2	1.9	1.9	2.2	1.8	1.8	1.8	1.8	1.8	1.8
Na (ppb)	17,340	17,310	17,280	17,110	16,980	17,540	17,370	17,040	17,210	16,840	17,250	17,230
Ni (ppb)	30.6	21.7	11.8	4.6	5.8	80	7.5	3	2.8	3.9	6.3	7.2
P (ppb)	1,758	1,378	1,336	308	378	3,224	771	134	199	299	756	847
Pb (ppb)	5,702	4,781	3,585	755	1,055	13,200	1,752	217	384	715	1,742	1,962
S (ppm)	27.2	26.9	26.8	26.7	26.6	27.1	27	26.6	26.9	26.2	26.8	26.4
Se (ppb)	0.2	0.2	0.2	0	0	0.1	0	0.2	0.1	0.2	0.1	0.1
Si (ppb)	10,530	7,660	3,636	2,830	3,573	26,740	2,680	2,258	2,422	2,687	2,661	2,826
Sn (ppb)	5.6	4.2	3.8	1.8	2	8.9	2.2	1	1.3	1.6	2.2	2.5
Sr (ppb)	129	128	129	125	125	131	128	125	125	125	127	127
Ti (ppb)	8.2	6.1	6.2	1.1	2.2	16.9	3.7	0.5	0.8	1.3	3	3.1
U (ppb)	2.7	2	1.6	0.5	0.6	5.6	0.9	0.3	0.4	0.5	0.9	1
V (ppb)	24.3	19.8	16.3	6.8	8.3	51.3	10.2	6.5	7.8	8	10.9	11.7
Zn (ppb)	2,520	1,622	1,305	593	796	3,652	752	293	395	603	739	856

Correlation between lead, phosphorus and aluminum

The correlation of lead and phosphate, as well as lead and aluminum, indicate that the samples were captured scale and sediment that had formed inside the pipes while the City of Flint was purchasing water from Detroit. The absence of these chemicals in the current treatment provided by Flint indicate that these elements were not in the water passing through the pipes, but came from the scales inside the service line which had disintegrated into the water or were dislodged into the water.

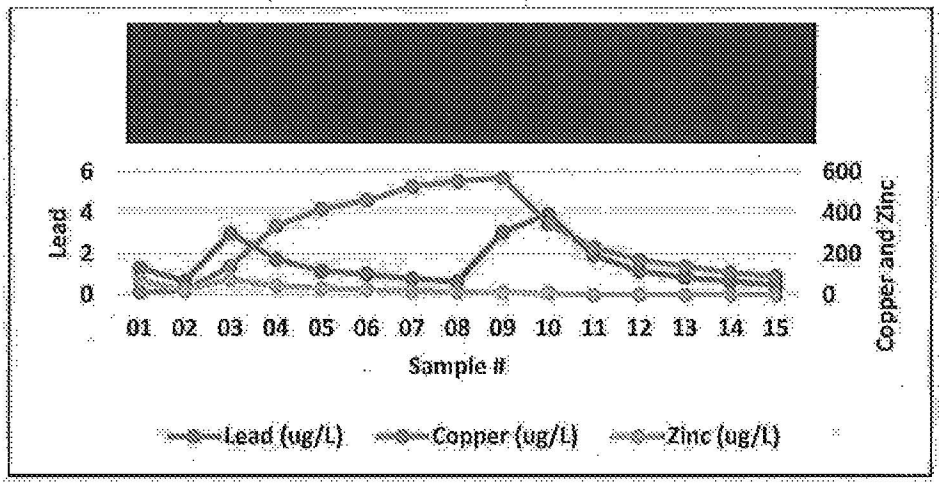




U.S. EPA Region 5 sampling

[redacted] residence (following replacement of service line)

Following the replacement of the [redacted] original service line, a series of 15 sequential samples were collected from the kitchen tap to measure the lead levels and other parameters to ensure that the high lead from the original service line had not contaminated the interior plumbing at the [redacted] home. With the exception of two areas, lead levels were low throughout the [redacted] plumbing following the service line replacement. The two sources of lead that were still detected in the plumbing are likely the water meter (Sample 3) and the new external service shut-off valve (Samples 9-11). Although new brass plumbing components must be lead-free, there can still be some lead that is released from these components.



[redacted], ([redacted] home)

After Service Line Replacement

Sample #	Site Description	Copper (ug/L)	Lead (ug/L)	Zinc (ug/L)	Cadmium (mg/L)	Iron (mg/L)	Phosphorus (mg/L)
01	Kitchen	13.1	1.3	70.9	U	0.171	U
02	Kitchen	20.1	0.687	23.2	U	0.117	U
03	Kitchen	141	3.01	76.8	U	0.144	U
04	Kitchen	336	1.76	45.4	U	0.151	U
05	Kitchen	419	1.17	32.2	U	0.149	U
06	Kitchen	463	1.03	24.8	U	0.149	U
07	Kitchen	529	0.8	19.6	U	0.146	U
08	Kitchen	554	0.666	14.9	U	0.147	U
09	Kitchen	571	3.07	11.6	U	0.195	U
10	Kitchen	345	3.93	10.3	U	0.282	U
11	Kitchen	233	1.94	0	U	0.283	U

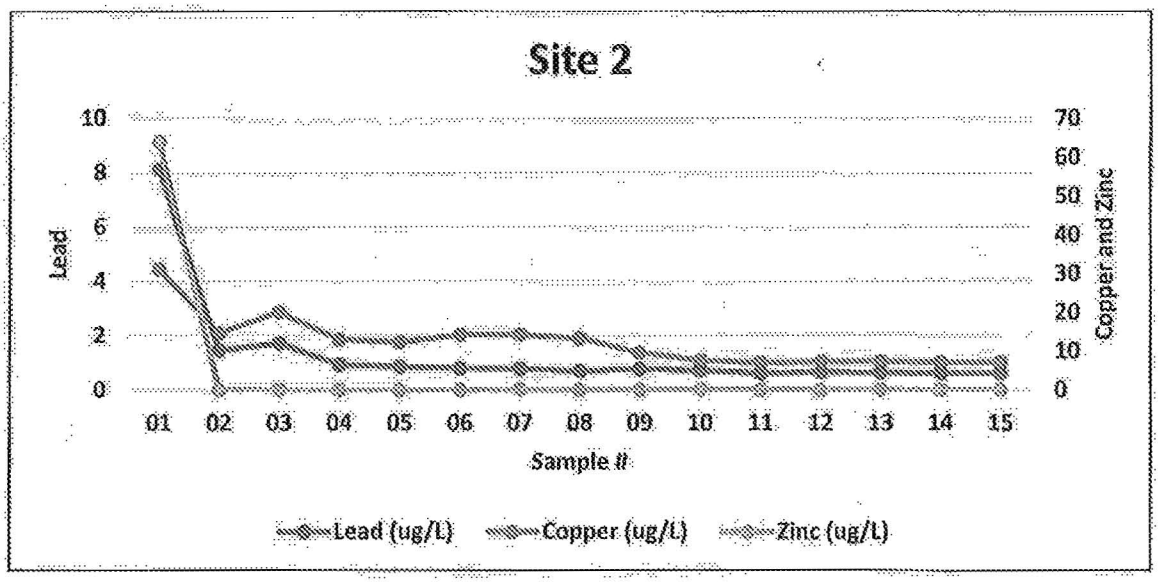
[redacted]. ([redacted] home)

After Service Line Replacement

Sample #	Site Description	Copper (ug/L)	Lead (ug/L)	Zinc (ug/L)	Cadmium (mg/L)	Iron (mg/L)	Phosphorus (mg/L)
12	Kitchen	171	1.17	0	U	0.290	U
13	Kitchen	139	0.864	0	U	0.292	U
14	Kitchen	110	0.67	0	U	0.294	U
15	Kitchen	91.5	0.505	0	U	0.297	U
16	Bathroom	29.7	5.52	71.3	U	0.259	U
17	Water Heater	70.4	31.7	883	U	0.540	0.0877
18	Water Heater	35	9.74	346	U	0.0870	U

Site #2 (Bryant Street)

Based on the results found at this home, it does not appear that any portion of the service line is made of lead, and as a result, the lead levels are low in most samples. The exception is in Sample 1 which reflects water within approximately 15 feet of the kitchen tap and is likely due to brass components in the faucet, underlying valves and fixtures.



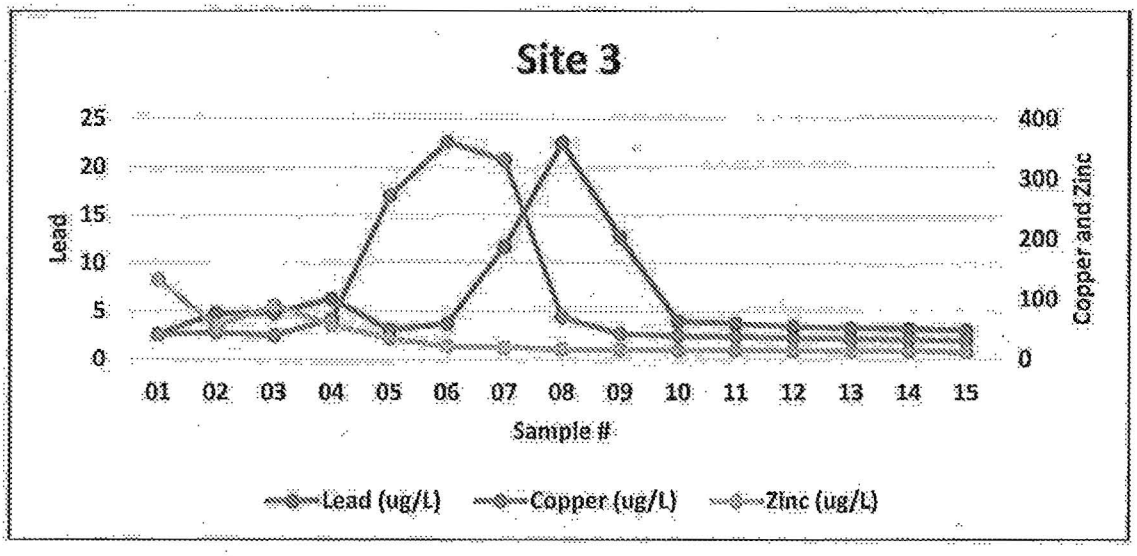
Site 2

(Note: U for Zinc replaced with 0 to show on graph)

Sample #	Copper (ug/L)	Lead (ug/L)	Zinc (ug/L)	Cadmium (mg/L)	Iron (mg/L)	Phosphorus (mg/L)
01	31.1	8.11	64	U	0.0307	U
02	14.7	1.46	U	U	0.0302	U
03	20	1.72	U	U	0.0302	U
04	13	0.933	U	U	0.0301	U
05	12.3	0.862	U	U	0.0311	U
06	14.2	0.795	U	U	0.0298	U
07	14.2	0.769	U	U	0.0311	U
08	13.3	0.691	U	U	0.0317	U
09	9.6	0.774	U	U	0.0319	U
10	7.57	0.715	U	U	0.0313	U
11	7.04	0.611	U	U	0.0301	U
12	7.3	0.655	U	U	0.0336	U
13	7.37	0.644	U	U	0.0308	U
14	7.09	0.631	U	U	0.0313	U
15	7.05	0.621	U	U	0.0300	U

Site #3 (Bryant Street)

Based on the results found at this home, it appears that the portion of the service line from the external service shut-off valve to the water main is made of lead as indicated by the increase in lead levels in samples 7 through 9.



Site 3

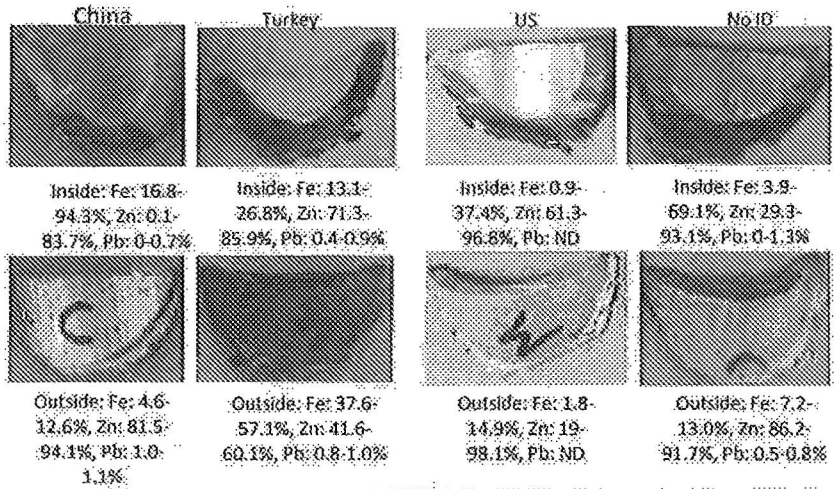
Sample #	Copper (ug/L)	Lead (ug/L)	Zinc (ug/L)	Cadmium (mg/L)	Iron (mg/L)	Phosphorus (mg/L)
01	40.7	2.63	132	U	0.0622	U
02	44.4	4.77	55.3	U	0.249	U
03	39.3	4.79	88.8	U	0.179	U
04	66.8	6.26	57.2	U	0.346	U
05	272	3.07	34.2	U	0.105	U
06	362	3.7	21.4	U	0.0598	U
07	331	11.7	19.5	U	0.0512	U
08	69.9	22.5	16.6	U	0.0399	U
09	42.5	12.7	15.1	U	0.0480	U
10	38.4	3.94	14.4	U	0.0489	U
11	37.5	3.72	14.5	U	0.0492	U
12	34.8	3.39	13.6	U	0.0481	U
13	33.1	3.23	13.1	U	0.0484	U
14	32.8	3.2	13	U	0.0480	U
15	31.4	3	12.3	U	0.0490	U

Analysis of [redacted] original service line pipe (galvanized iron portions)

Lead can also be found in galvanized pipe coatings as a contaminant in the zinc that is used to coat the surface of iron pipe in the galvanizing process. As such, two sections of the [redacted] original service line were analyzed for lead content.

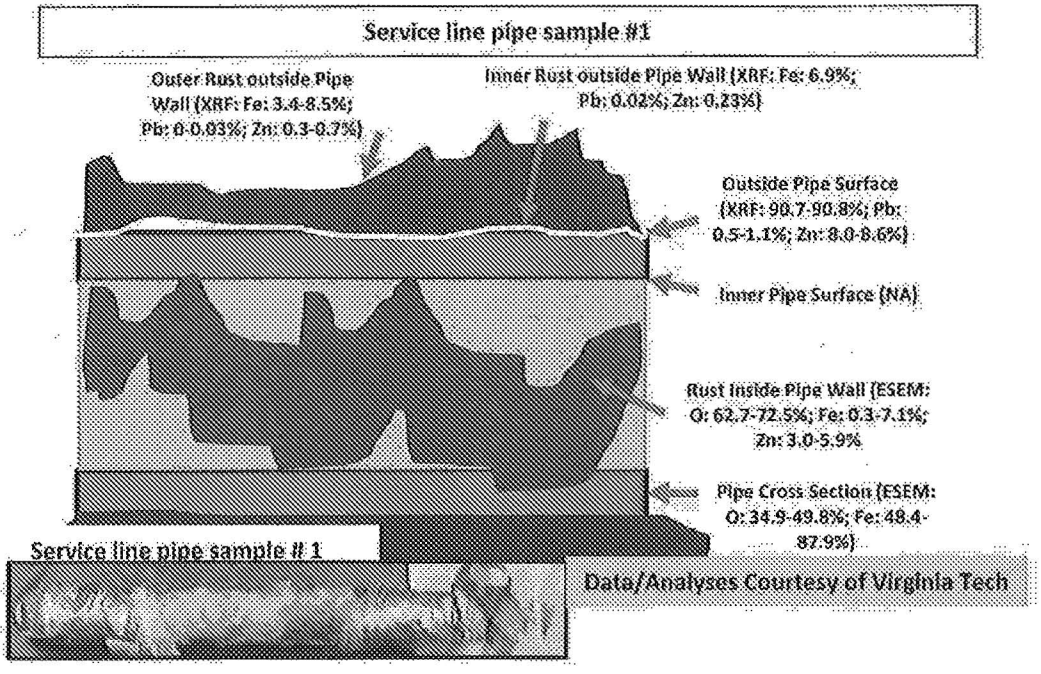
The images and data presented below are for a typical range of galvanized iron pipe.

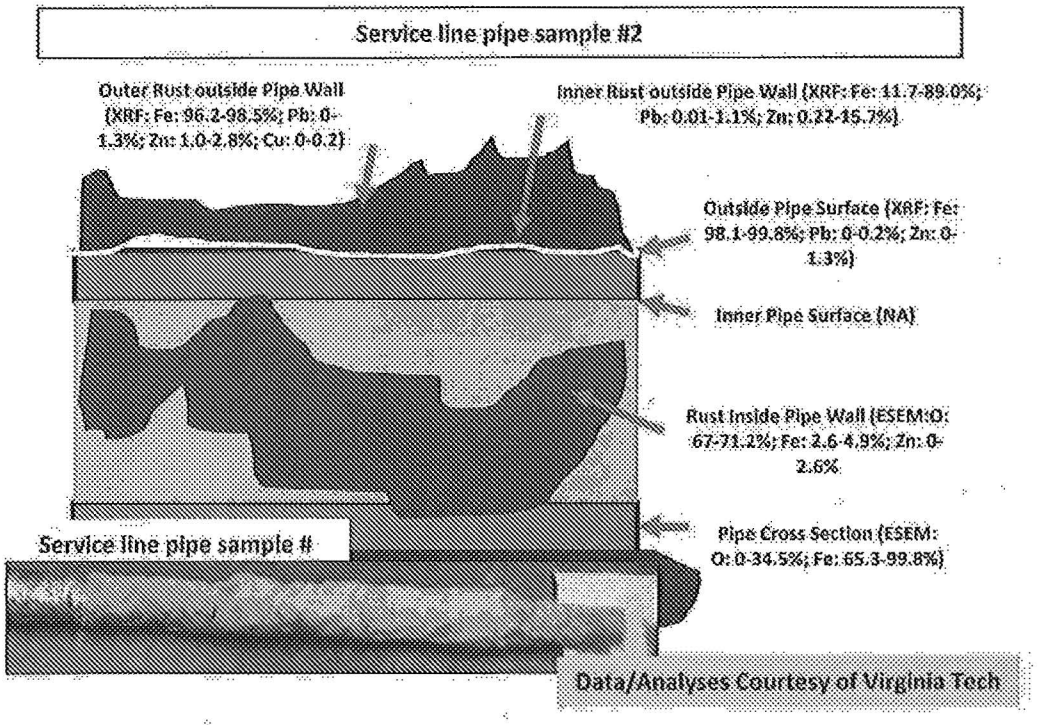
Lead Content of Galvanized Iron Pipe - Examples



Data/Analyses Courtesy of Virginia Tech

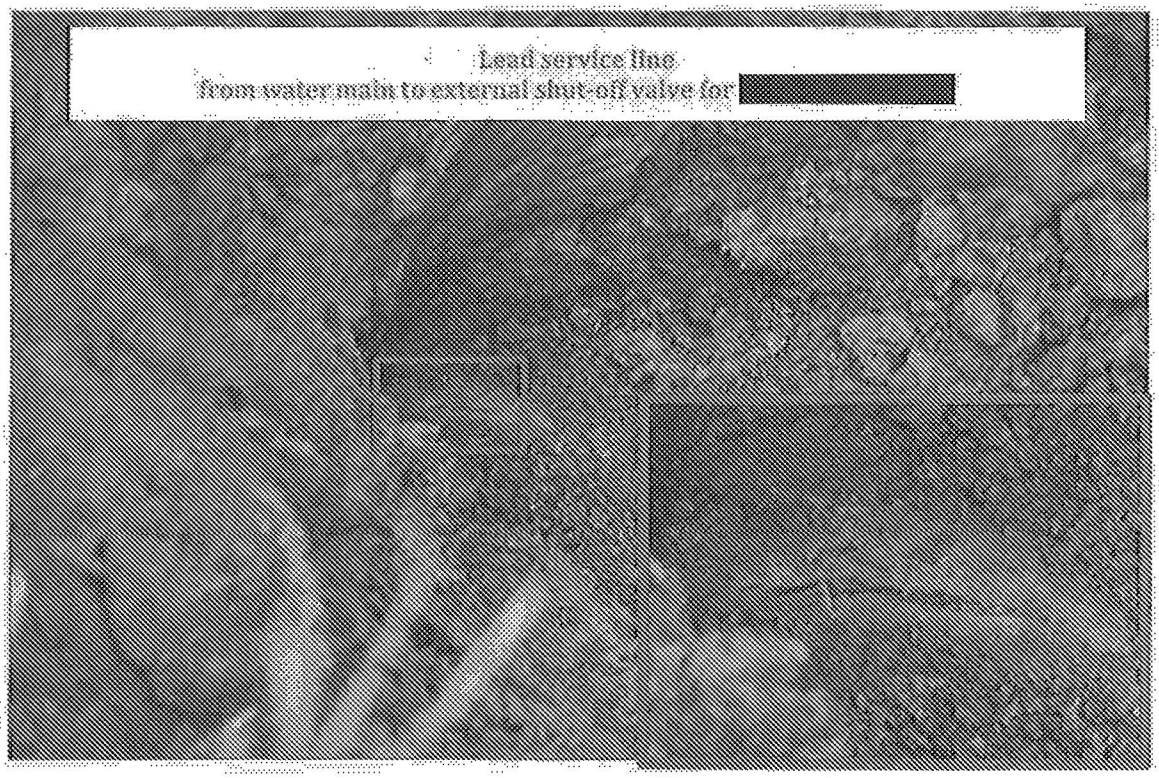
Below are the results of the galvanized pipe analyses conducted by Virginia Tech on the two sections of galvanized iron pipe from the [redacted] original service line. The analyses indicate that the [redacted] original service line was a typical galvanized iron pipe.





Lead portion of the [redacted] original service line

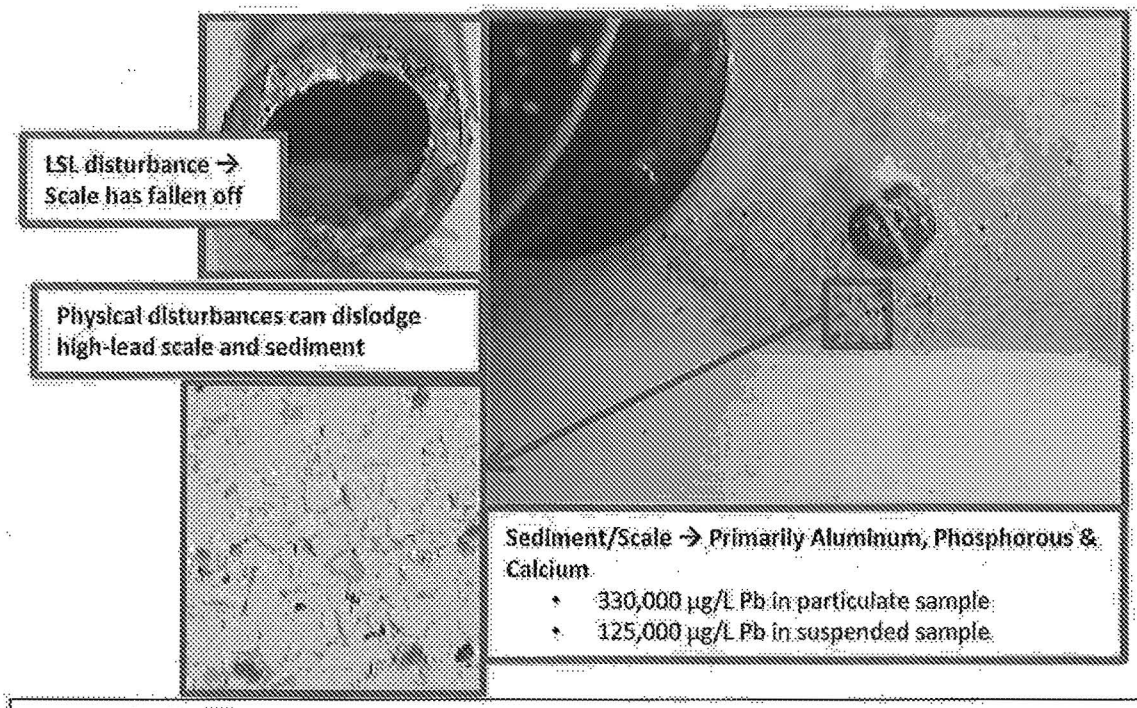
Lead service lines can contribute up to 75 percent of the total mass release into the water. The portion of the [redacted] original service line from the water main to the external shut-off valve at the corner of [redacted] and Bryant Street is made of lead and is estimated to be approximately 25 feet in length.



Appendix C – Additional Information

Physical disturbance of lead service lines

A recent EPA study indicates that physical disturbances to lead service lines or in proximity to lead service lines can cause the dislodging of the protective scales from within the lines. The photograph below shows the scale that was dislodged from inside a lead service line during routine maintenance work in another city due to a physical disturbance of the line. The dislodged scale and sediment contained a very high concentration of lead.



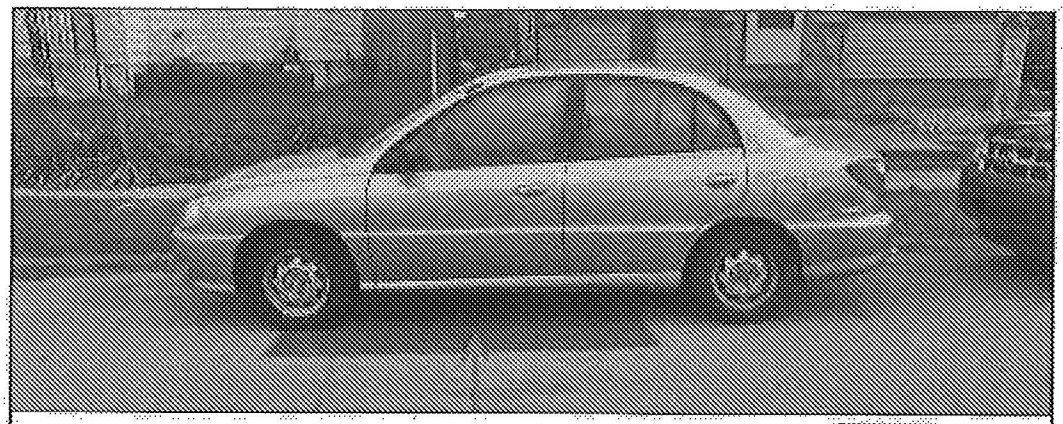
Lead service line disturbances were found to be a common factor for the majority of sites with high lead levels. It is also possible that low water usage may play a role in sites with the highest lead levels.

Lead service line scale analyses conducted by EPA's Office of Research and Development or obtained from peer-reviewed published literature from cities across the U.S. and in Canada (summarized below) show that scales within lead service lines can contain very high concentrations of lead. The yellow highlighted column in the table below shows the percentage of lead that has been found within different scales inside of lead service lines.

Lead & Element Percentages in Important Corrosion Byproduct Solids							
Mineral Name	Formula	% Pb	%C	%O	%S	% P	%Cl
litharge, massicot	PbO	97.80	0.00	7.20	0.00	0.00	
plattnerite, scrutinyite	PbO_2	86.60	0.00	13.40	0.00	0.00	
Cerussite	$PbCO_3$	77.50	4.50	18.00	0.00	0.00	
Hydrocerussite	$Pb_3(CO_3)_2(OH)_2$	80.10	3.10	16.50	0.00	0.00	0.00
Plumbonacrite	$Pb_{10}(CO_3)_6(OH)_6O$	81.30	2.80	15.70	0.00	0.00	0.00
Anglesite	$PbSO_4$	68.30	0.00	21.10	10.60	0.00	0.00

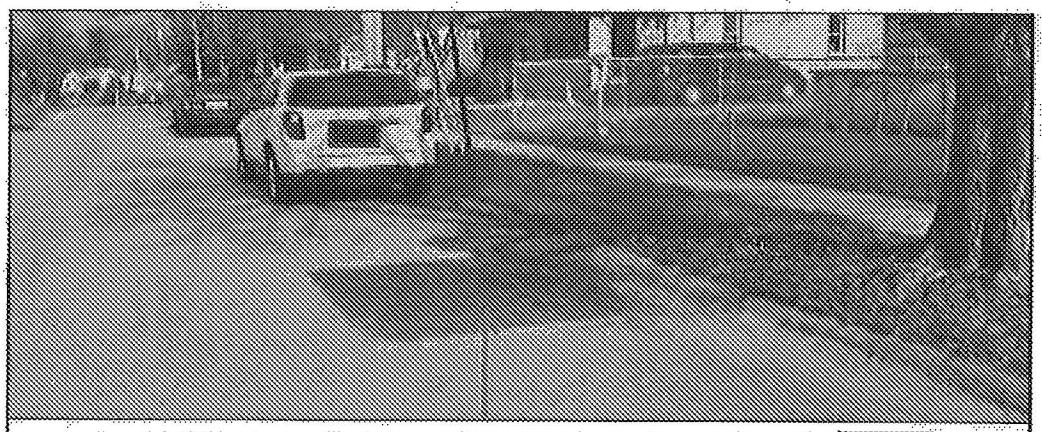
Lead & Element Percentages in Important Corrosion Byproduct Solids							
Mineral Name	Formula	% Pb	%C	%O	%S	% P	%Cl
Leadhillite, Susannite, MacPhersonite	$Pb_4(SO_4)(CO_3)_2(OH)_2$	76.80	2.20	17.80	3.00	0.00	0.00
Hydroxypyromorphite	$Pb_5(PO_4)_3OH$	77.43	0.00	15.55	0.00	6.98	0.00
Chloropyromorphite	$Pb_5(PO_4)_3Cl$	76.38	0.00	14.15	0.00	6.85	2.61
Tertiary Lead Orthophosphate	$Pb_3(PO_4)_2$	76.60	0.00	15.80	0.00	7.60	0.00
Lead(II) orthophosphate	$Pb_3(PO_4)_4$	76.60	0.00	15.80	0.00	7.60	0.00

While visiting the [redacted] home, two fresh patches of asphalt were seen along the parkway where the [redacted] original service line was located. The jarring and vibration associated with excavation can dislodge the high lead-bearing scales from within the service line pipes.



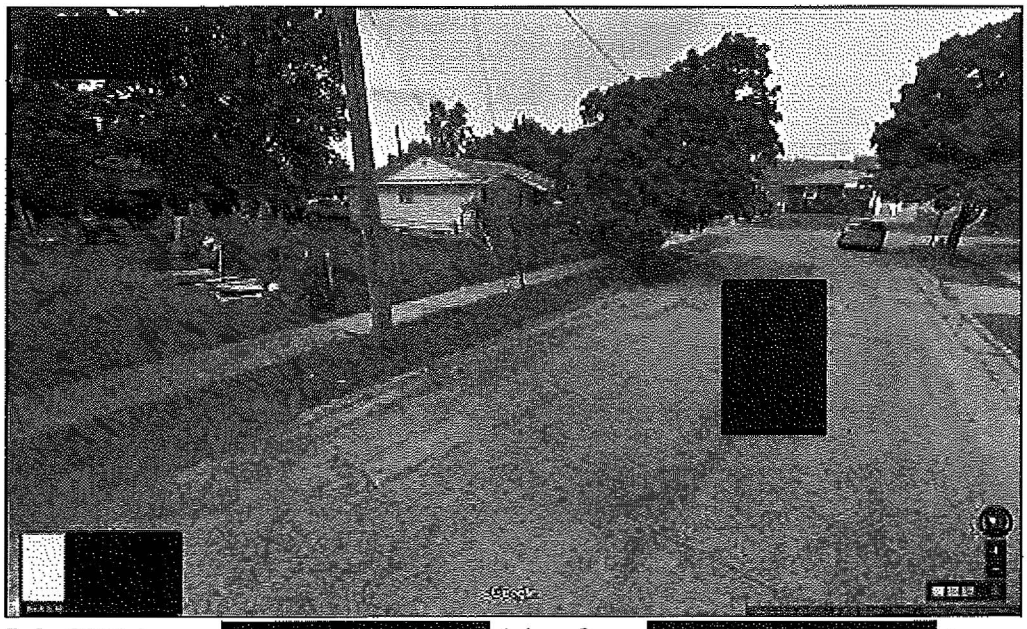
Recent patch (#1) of asphalt along curb next to the parkway where the [redacted] service line runs.

Photograph taken by U.S. EPA on April 27, 2015



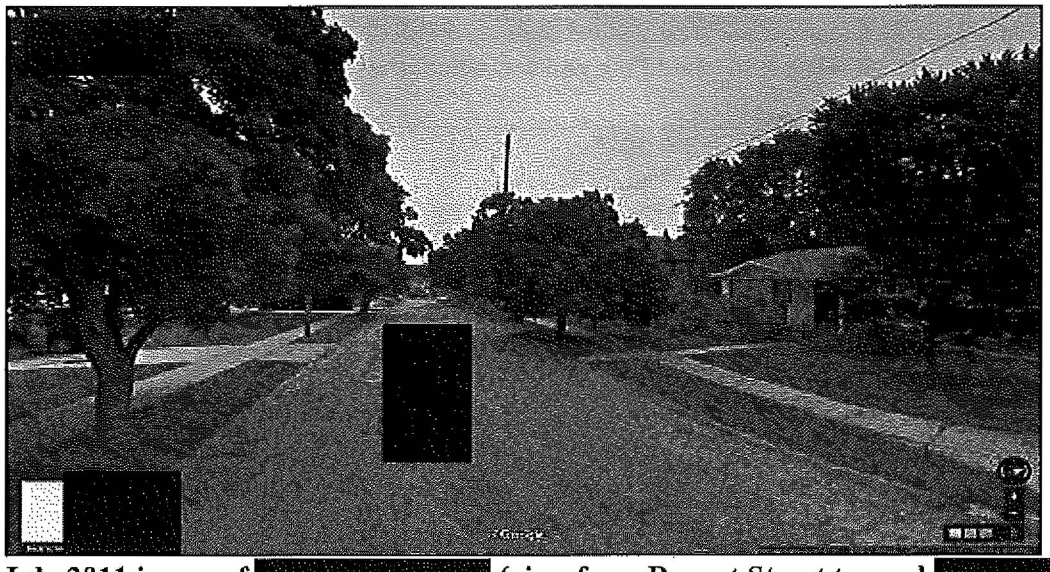
Recent patch (#2) of asphalt along curb next to the parkway where the [redacted] service line runs.

Photograph taken by U.S. EPA on April 27, 2015



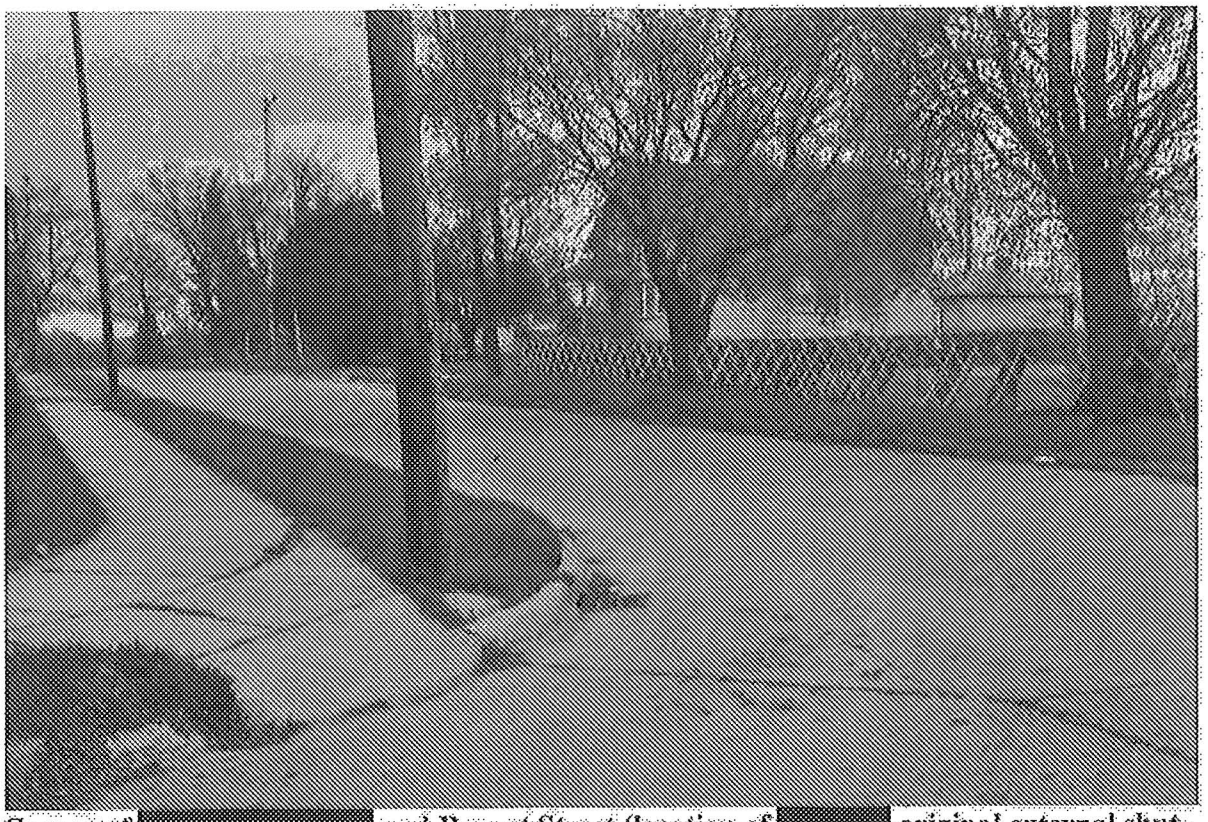
July 2011 image [redacted] (view from [redacted] toward Bryant Street).

Google 'Street View' Image 1 captured in July 2011 shows no patches in street along curb next to the parkway where the [redacted] service line runs toward Bryant Street, indicating that the physical disturbances occurred after the date this image was captured (July 2011).



July 2011 image of [redacted] (view from Bryant Street toward [redacted]).

Google 'Street View' Image 2 captured in July 2011 shows no patches in street along curb next to the parkway where the [redacted] service line runs toward Bryant Street, indicating that the physical disturbances occurred after the date this image was captured (July 2011).



Corner of [redacted] and Bryant Street (location of [redacted] original external shut-off valve).
Photograph taken by EPA on April 27, 2015 shows no visible signs of physical disturbances in the vicinity of the lead portion of the [redacted] service line from the external shut-off valve to the water main on Bryant Street.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:

WG-15J

June 24, 2015

MEMORANDUM

SUBJECT: High Lead Levels in Flint, Michigan – Interim Report

FROM: Miguel A. Del Toral
Regulations Manager, Ground Water and Drinking Water Branch

TO: Thomas Poy
Chief, Ground Water and Drinking Water Branch

The purpose of this interim report is to summarize the available information regarding activities conducted to date in response to high lead levels in drinking water reported by a resident in the City of Flint, Michigan. The final report will be submitted once additional analyses have been completed on pipe and water samples.

Following a change in the water source, the City of Flint has experienced a number of water quality issues resulting in violations of National Primary Drinking Water Regulations (NPDWR) including acute and non-acute Coliform Maximum Contaminant Level (MCL) violations and Total Trihalomethanes (TTHM) MCL violations as follows:

Acute Coliform MCL violation in August 2014
Monthly Coliform MCL violation in August 2014
Monthly Coliform MCL violation in September 2014
Average TTHM MCL violation in December 2014
Average TTHM MCL violation in June 2015

In addition, as of April 30, 2014, when the City of Flint switched from purchasing finished water from the City of Detroit to using the Flint River as their new water source, the City of Flint is no longer providing corrosion control treatment for lead and copper.

A major concern from a public health standpoint is the absence of corrosion control treatment in the City of Flint for mitigating lead and copper levels in the drinking water. Recent drinking water sample results indicate the presence of high lead results

in the drinking water, which is to be expected in a public water system that is not providing corrosion control treatment. The lack of any mitigating treatment for lead is of serious concern for residents that live in homes with lead service lines or partial lead service lines, which are common throughout the City of Flint.

In addition, following the switch to using the Flint River, the City of Flint began adding ferric chloride, a coagulant used to improve the removal of organic matter, as part of the strategy to reduce the TTHM levels. Studies have shown that an increase in the chloride-to-sulfate mass ratio in the water can adversely affect lead levels by increasing the galvanic corrosion of lead in the plumbing network.

Prior to April 30, 2014, the City of Flint purchased finished water from the City of Detroit which contained orthophosphate, a treatment chemical used to control lead and copper levels in the drinking water. When the City of Flint switched to the Flint River as their water source on April 30, 2014, the orthophosphate treatment for lead and copper control was not continued. In effect, the City of Flint stopped providing treatment used to mitigate lead and copper levels in the water. In accordance with the Lead and Copper Rule (LCR), all large systems (serving greater than 50,000 persons) are required to install and maintain corrosion control treatment for lead and copper. In the absence of any corrosion control treatment, lead levels in drinking water can be expected to increase.

The lack of mitigating treatment is especially concerning as the high lead levels will likely not be reflected in the City of Flint's compliance samples due to the sampling procedures used by the City of Flint for collecting compliance samples. The instructions from the City of Flint to residents direct the residents to 'pre-flush' the taps prior to collecting the compliance samples. A copy of the instructions provided by the City of Flint to residents will be included in the final report.

The practice of pre-flushing before collecting compliance samples has been shown to result in the minimization of lead capture and significant underestimation of lead levels in the drinking water. Although this practice is not specifically prohibited by the LCR, it negates the intent of the rule to collect compliance samples under 'worst-case' conditions, which is necessary for statistical validity given the small number of samples collected for lead and copper under the LCR. This is a serious concern as the compliance sampling results which are reported by the City of Flint to residents could provide a false sense of security to the residents of Flint regarding lead levels in the water and may result in residents not taking necessary precautions to protect their families from lead in the drinking water. Our concern regarding the inclusion of 'pre-flushing' in sampling instructions used by public water systems in Michigan has been raised with the Michigan Department of Environmental Quality (MDEQ). The MDEQ has indicated that this practice is not prohibited by the LCR and continues to retain the 'pre-flushing' recommendation in their lead compliance sampling guidance to public water systems in Michigan. A copy of the MDEQ guidance will be included in the final report.

In the case of the Flint resident that contacted U.S. EPA [redacted] the initial results from drinking water samples collected by the City of Flint in [redacted] home

for lead were 104 ug/L and 397 ug/L. The level of iron in the water also exceeded the capability of the measurement (>3.3 mg/L). The lead results were especially alarming given that the samples were collected using the sampling procedures described above, which minimize the capture of lead. When contacted by U.S. EPA Region 5, the MDEQ indicated that the lead was coming from the [redacted] plumbing. [redacted] had previously indicated that all of the plumbing in the home was plastic.

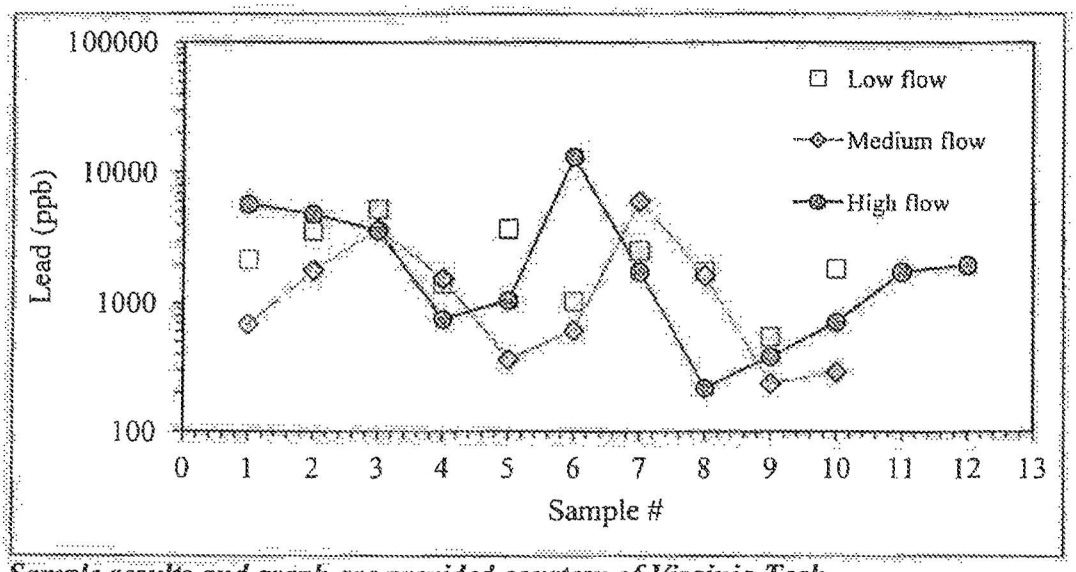
Following the confirmation of the initial high lead results, U.S. EPA Region 5 conducted two visits to the [redacted] home on April 27, 2015 and May 6, 2015. Based on an inspection of the plumbing and subsequent sampling conducted at the [redacted] residence, it was determined that except for a few minor metallic connectors, all interior plumbing, including the pipes, valves and connectors are made of plastic certified by the National Sanitation Foundation (NSF) for use in drinking water applications. Subsequent sampling showed that the faucets in the home appear to be compliant with the new lead-free requirements and are also not the source for the high lead levels. Our inspection of the interior plumbing and analysis of follow-up sampling results demonstrate that the home plumbing network is not the source of the high lead levels found at the Walters' residence. The photographs and all sampling results will be included in the final report.

Based on the U.S. EPA inspection and documentation of the plastic plumbing at the [redacted] residence, it was suspected that the high lead was being introduced into the [redacted] home plumbing from outside the home, likely from a lead service line. Three portions of the service line were extracted during a subsequent trip on May 6, 2015 and sent for analysis, when the [redacted] service line was replaced. Analyses performed to date indicate that a portion of the service line is made of galvanized iron pipe. Inspection of the remaining portion from the water main to the external shut-off valve confirmed that the portion from the water main to the external shut-off valve is a lead service line.

[redacted] has also provided U.S. EPA with medical reports on [redacted] child's blood lead testing indicating that the child had a low blood lead level (2 ug/dL) prior to the source water switch and an elevated blood lead level following the switch (6.5 ug/dL). Redacted copies of these reports will also be included in the final report.

Subsequent to the discovery of high lead levels in the [redacted] drinking water, the water to the [redacted] home was shut off on April 3, 2015. The water was briefly turned back on to collect additional samples on April 28, 2015. Since the water had stagnated for an extended period of time, the kitchen tap was flushed for 25 minutes the night before collecting the samples. Three sets of samples were collected at different flow rates (10 at low flow, 10 at medium flow and 10 at high flow).

The drinking water samples collected from the [redacted] residence on April 28, 2015 contained extremely high lead levels, ranging in value from 200 ug/L to 13,200 ug/L (see below).



Sample results and graph are provided courtesy of Virginia Tech

Additional sample results from resident-requested samples have also shown lead levels in excess of the lead action level. As with the samples collected by the City of Flint for compliance, the resident-requested samples are also being collected using the 'pre-flushing', so the lead levels captured in these samples likely do not represent the worst-case lead levels in the water and the actual lead levels at these homes may be much higher.

Pending completion of the final report, my interim recommendations are as follows:

1. The U.S. EPA should follow up with the MDEQ and the City of Flint on the recommendation made by U.S. EPA to MDEQ on June 10, 2015 to offer the City of Flint technical assistance on managing the different water quality issues in Flint, including lead in the drinking water. Although there have been two written assessments regarding water quality and operational issues in Flint at the time of this report, they do not address lead in drinking water. The first is an Operational Evaluation Report (OER) produced in November 2014 by Lockwood, Andrews and Newnam, Inc. to assess the factors contributing to high Total Trihalomethane (TTHM) levels in Flint following the source change. The focus of this report is to identify potential causes and remedial actions for lowering TTHM levels. The second report (Water Quality Report) produced by Veolia for the City of Flint on March 12, 2015, is an assessment of Flint's water quality and operations which provides advice to the City of Flint primarily focused on TTHM control and other operational issues. Both reports were written prior to the recent discovery of high lead results in Flint drinking water. As such, the reports do not take into account the potential effects on lead levels in drinking water.

As previously mentioned, the City of Flint currently has no mitigating treatment for lead and is also planning another source water change in the near future. U.S. EPA's Office of Research and Development in Cincinnati has extensive experience in corrosion and corrosion control treatment and distribution system issues and would be a valuable addition to the drinking water advisory group for the City of Flint. Copies of the qualifications and experience for Michael Schock and Darren Lytle have been forwarded to MDEQ.

2. U.S. EPA should review the compliance status of the City of Flint with respect to whether the system is in violation of the LCR requirement to install and maintain optimal corrosion control and whether the MDEQ is properly implementing the LCR provisions regarding optimal corrosion control treatment requirements for large systems. Pursuant to 40 CFR Section 141.82(i), the EPA Regional Administrator may review treatment determinations made by a State and issue federal treatment determinations consistent with the requirements of the LCR where the Regional Administrator finds: (1) A state has failed to issue a treatment determination by the applicable deadlines; (2) A State has abused its discretion in a substantial number of cases or in cases affecting a substantial population; or (3) The technical aspects of a State's determination would be indefensible in an expected Federal enforcement action taken against a system.

3. The U.S. EPA should review whether relevant resident-requested samples are being included by the City of Flint in calculating the 90th percentile compliance value for lead. Recent drinking water tests conducted at homes in Flint for lead that are not part of the compliance sampling pool have revealed high lead levels in the drinking water. The U.S. EPA memorandum signed on December 23, 2004 provides clarification on compliance determinations and states that customer-requested samples are to be included in the 90th percentile lead compliance calculation where the sampling is conducted during the monitoring period from sites and sampling procedures meeting the LCR criteria. Given the prevalence of lead service lines in the City of Flint, should these sample results be from homes with lead service lines, the sample results would be considered compliance samples under the LCR.

Also attached is a timeline of events for Flint, Michigan. Should you have any questions regarding the information or recommendations provided, please let me know.

cc: Liane Shekter-Smith (MDEQ)
Pat Cook (MDEQ)
Stephen Busch (MDEQ)
Michael Prysby (MDEQ)
Marc Edwards (Virginia Tech)
Michael Schock, EPA-ORD
Darren Lytle, EPA-ORD

ASSOCIATED PRESS

From: Egan, Paul <pegan@freepress.com>
Sent: Monday, December 28, 2015 3:54 PM
To: Murray, David (GOV)
Subject: Re: Letter from the Office of the Auditor General

Thanks for sending Dave.

Sent from my iPhone

> On Dec 28, 2015, at 3:48 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
>
>
> Paul, I didn't know if you are writing about the letter from the Office of the Auditor General regarding the DEQ and Flint water.
>
> First, here's a copy of the letter in case you don't have it: http://www.audgen.michigan.gov/finalpdfs/15_16/l761032015.pdfhttp://www.audgen.michigan.gov/finalpdfs/15_16/l761032015.pdf
>
> Our statement:
>
> The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.
>
> But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.
>
> We appreciate the efforts of the Auditor General and will carefully consider all of the recommendations contained in the letter.
>
>
>
> Paul, for your background, here is a summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.
>
> Conclusions:
>
> • While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.
>
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Sent: Monday, December 28, 2015 4:01 PM
To: Bryn Mickle (bmickle1@mlive.com); klonglely1@mlive.com
Subject: Letter from Auditor General on DEQ and Flint water

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From: postmaster@advancelocal.net
To: klonglely1@mlive.com
Sent: Monday, December 28, 2015 4:01 PM
Subject: Undeliverable: Letter from Auditor General on DEQ and Flint water

Delivery has failed to these recipients or groups:
klonglely1@mlive.com
The e-mail address you entered couldn't be found. Please check the recipient's e-mail address and try to resend the message. If the problem continues, please contact your helpdesk.

Diagnostic information for administrators:
Generating server: advancelocal.net
klonglely1@mlive.com
#< #5.1.1 smtp;550 5.1.1 RESOLVER.ADR.RecipNotFound; not found> #SMTP#
Original message headers:
Received: from na01-bn1-obe.outbound.protection.outlook.com (10.50.2.189) by
mail.advancelocal.net (69.2.106.12) with Microsoft SMTP Server (TLS) id
14.3.248.2; Mon, 28 Dec 2015 16:00:48 -0500
Received: from BL2PR01CA0016.prod.exchangelabs.com (10.141.66.16) by
CY1PR01MB1691.prod.exchangelabs.com (10.162.160.29) with Microsoft SMTP
Server (TLS) id 15.1.361.13; Mon, 28 Dec 2015 21:00:53 +0000
Received: from BY2FFO11FD009.protection.gbl (207.46.163.242) by
BL2PR01CA0016.outlook.office365.com (10.141.66.16) with Microsoft SMTP Server
(TLS) id 15.1.361.13 via Frontend Transport; Mon, 28 Dec 2015 21:00:53 +0000
Authentication-Results: spf=fail (sender IP is 208.86.201.88)
smtp.mailfrom=michigan.gov; mlive.com; dkim=none (message not signed)
header.d=none;mlive.com; dmarc=none action=none header.from=michigan.gov;
Received-SPF: Fail (protection.outlook.com: domain of michigan.gov does not
designate 208.86.201.88 as permitted sender) receiver=protection.outlook.com;
client-ip=208.86.201.88; helo=mx0b-001afd01.pphosted.com;
Received: from mx0b-001afd01.pphosted.com (208.86.201.88) by
BY2FFO11FD009.mail.protection.outlook.com (10.1.14.73) with Microsoft SMTP
Server (TLS) id 15.1.355.15 via Frontend Transport; Mon, 28 Dec 2015 21:00:51
+0000
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Mon, 28 Dec 2015 16:00:50 -0500
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(version=TLSv1/SSLv3 cipher=AES256-SHA bits=256 verify=NOT);Mon, 28 Dec 2015
16:00:50 -0500

X-TM-IMSS-Message-ID: <89a93e3d0008b323@Michigan.gov>
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 ([fe80::2df3:ee76:fe51:dea7%19]) with mapi id 14.03.0235.001; Mon, 28 Dec
 2015 16:00:48 -0500
From: "Murray, David (GOV)" <MurrayD1@michigan.gov>
To: "Bryn Mickle (bmickle1@mlive.com)" <bmickle1@mlive.com>,
	"klonglely1@mlive.com" <klonglely1@mlive.com>
Subject: Letter from Auditor General on DEQ and Flint water
Thread-Topic: Letter from Auditor General on DEQ and Flint water
Thread-Index: AdFBsfS/mWuz5yo6RMWNkpniswqJ+A==
Date: Mon, 28 Dec 2015 21:00:47 +0000
Message-ID: <86E1DBBE44D0544E8D1E13719A1B1D7423124F4C@GOV000EXCHPE006.som.ad.state.mi.us>
Accept-Language: en-US
Content-Language: en-US
X-MS-Has-Attach:
X-MS-TNEF-Correlator:
x-originating-ip: [136.181.2.74]
Content-Type: text/plain; charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable
MIME-Version: 1.0
X-TM-AS-MML: disable
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 suspectscore=0 malwarescore=0 phishscore=0 adultscore=0 bulkscore=0
 classifier=spam adjust=0 reason=mlx scancount=1 engine=8.0.1-1507310008
 definitions=main-1512280396
Return-Path: MurrayD1@michigan.gov
X-EOPAttributedMessage: 0
X-Microsoft-Exchange-Diagnostics:
1;BY2FFO11FD009;1:hoQ32PO7T0AZzj9aTWwpPp860JVXEU/MXR0UDqx8/RpSGEuw0NOlyyZ0IsXh9Bw9YE8OdZJGEViX0n
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1;CY1PR01MB1691;20:I5RdHiP6WHubOFAZ0eL+UQih6zKarbdo9DEsMTENGNEAsYeFVzeXM32kSy3kz7/ITYbr6v2UNWAvt
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X-Exchange-Antispam-Report-CFA-Test:
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SpamDiagnosticOutput: 1:2
SpamDiagnosticMetadata: 38d4179063984e88ba63afb5f65ebc7f
X-MS-Exchange-CrossTenant-OriginalArrivalTime: 28 Dec 2015 21:00:51.6079
(UTC)
X-MS-Exchange-CrossTenant-Id: 1fe62945-74e6-4203-848f-b9b82929f9d4
X-MS-Exchange-CrossTenant-FromEntityHeader: Internet
X-MS-Exchange-Transport-CrossTenantHeadersStamped: CY1PR01MB1691
X-OrganizationHeadersPreserved: CY1PR01MB1691.prod.exchangelabs.com
X-OriginatorOrg: advancelocal.net
X-CrossPremisesHeadersPromoted: 275-al-adi-x-01.advancelocal.net
X-CrossPremisesHeadersFiltered: 275-al-adi-x-01.advancelocal.net

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From: Murray, David (GOV)
Sent: Monday, December 28, 2015 4:07 PM
To: Kristen Longley
Subject: Fwd: Letter from Auditor General on DEQ and Flint water

Sent from my iPhone

Begin forwarded message:

> **From:** "Murray, David (GOV)" <MurrayD1@michigan.gov>
> **Date:** December 28, 2015 at 4:00:47 PM EST
> **To:** "Bryn Mickle (bmickle1@mlive.com)" <bmickle1@mlive.com>, "klonglely1@mlive.com" <klonglely1@mlive.com>
> **Subject: Letter from Auditor General on DEQ and Flint water**
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- There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. The auditor determined it was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.

- Charts show that most water samples were taken in the sixth month of the six-month testing period. The auditor said it's difficult to determine if the lateness of the sampling affects the accuracy.

From: Lindsey Smith <lmsmi@umich.edu>
Sent: Monday, December 28, 2015 4:11 PM
To: Wurfel, Brad (DEQ)
Cc: Murray, David (GOV); Wyant, Dan (DEQ)
Subject: Re: FOR IMMEDIATE RELEASE: Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

10-4. Can't fit into a 40 second headline but will quote in web version. Best~

On Mon, Dec 28, 2015 at 3:30 PM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:

We agreed with the findings in the Auditor General's review. The findings align with our internal department review. We appreciate the Auditor General's work to provide a fair and well considered look at some key issues.

b

Brad Wurfel

Communications Director,

Michigan Department of Environmental Quality

wurfelb@michigan.gov

[redacted]

From: Lindsey Smith [mailto:lmsmi@umich.edu]
Sent: Monday, December 28, 2015 2:17 PM
To: Wurfel, Brad (DEQ)
Subject: Re: FOR IMMEDIATE RELEASE: Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

I did. Gladly, cause, you know, there's a hell of a lot more in that than how these two would like to paint things. Anyway, let me know if you *do* want to have a say - deadline 330p please and thanks.

On Mon, Dec 28, 2015 at 2:11 PM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:

Did you get a copy of the letter?

Sent from my iPhone

On Dec 28, 2015, at 1:46 PM, Lindsey Smith <lmsmi@umich.edu> wrote:

> Hi Brad,
>
> Not sure if they're just late to the party or sitting on this or what (it's dated Dec 23rd) but editors have deemed this worthy of a couple spot news headlines today. Let me know if you'd like to comment.
>
> Best~
>
> ---------- Forwarded message ----------
> From: **Angela Wittrock** <AWittrock@senate.michigan.gov>
> Date: Mon, Dec 28, 2015 at 1:01 PM
> Subject: FOR IMMEDIATE RELEASE: Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control
> To: Angela Wittrock <AWittrock@senate.michigan.gov>
>
> FOR IMMEDIATE RELEASE — Contact: Angela Wittrock
>
> December 28, 2015 — Phone: (517) 775-1430

Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

Lawmakers Ananich, Neeley call for more answers, resources

LANSING, Mich. — Senate Democratic Leader Jim Ananich (D–Flint) and State Representative Sheldon Neeley (D–Flint) responded today to an independent review that confirmed that Michigan's Department of Environmental Quality failed to ensure proper corrosion control was used to treat Flint River water and that the State was responsible for the decision to use the river as the City of Flint's primary drinking water source.

The letter from the State Auditor General was the initial response to questions raised by Sen. Ananich in October. The Auditor General is working on a more thorough review and expects to have additional information in the coming months.

"The Auditor General has provided an important piece of this puzzle and I'm sure the extended report they are working on will reveal additional information," Sen. Ananich said. "What's clear is that corrosion control should have been used and there are serious failings in our system that must be addressed. Between the FOIA emails released recently and these findings, it's obvious that legislative oversight is the best way to see how all of these pieces fit together. I expect holding hearings to be high on the agenda when the Legislature returns."

In response to the question about whether corrosion control treatment should have been maintained when the switch for the water source was made to the Flint River, the Auditor General letter concludes, "We believe that corrosion control treatment should have been maintained."

With regard to how the decision was made about using the Flint River as the primary drinking water source, the letter states, "Although the Flint City Council voted in March 2013 in support of moving to the KWA pipeline, the vote was silent on the use of Flint River water as a temporary drinking water source."

This is contrary to recent claims that somehow this local vote was in favor of using the river.

"This is another example of how the state failed initially, and continues to fail by not treating this situation like the emergency it is," Rep. Neeley said. "We need answers, we need action, and we need them sooner rather than later."

Sen. Ananich and Rep. Neeley have been calling for legislative hearings and a more aggressive response since the Flint water crisis began. They also have been working with local and federal officials on securing additional resources to make safe water available to all residents, and to combat the health impacts of the lead that has been consumed.

[*Editor's note: A copy of the Auditor General letter is available upon request.*]

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Angela Wittrock

Press Secretary

Senate Minority Leader Jim Ananich

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Boji Tower, Second Floor | Lansing, MI 48909-7536

P: 517.373.1339

[redacted]

Please sign up for our e-news at: Senatedems.com/Ananich

Facebook: jimananich | Twitter: @jimananich

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From: Murray, David (GOV)
Sent: Monday, December 28, 2015 4:18 PM
To: 'Lindsey Smith'
Subject: RE: FOR IMMEDIATE RELEASE: Independent Review Confirms State Made Decision to Use Flint River, Failed to Ensure Corrosion Control

Lindsey,

I didn't know if you want a copy of our statement regarding the Office of Auditor General's letter.

First, here's a copy of the letter in case you don't have it: http://www.audgen.michigan.gov/finalpdfs/15_16/I761032015.pdf

Our statement:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

We appreciate the efforts of the Auditor General and will carefully consider all of the recommendations contained in the letter.

Lindsey, for your background, here is a summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

- While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

- In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully

misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

- DEQ did not consult with the EPA on how best to apply the Lead and Copper Rule monitoring practices after the switch to Flint water, but from past experience, DEQ believed it was doing so correctly by doing two rounds of six-month monitoring on the new water source before determining optimal corrosion control. The EPA disagreed with DEQ's interpretation of the LCR, but later stated that the LCR was open to interpretation. It then clarified the rule: Corrosion controls already in place when Flint was on Detroit water should have been maintained after the switch.

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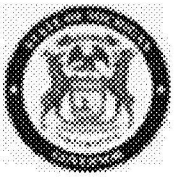
- DEQ doesn't operate the Flint WTP so it doesn't have any accountability measures to ensure the WTP is collecting water samples from tier 1 homes, i.e., residences with lead service lines, soldering or plumbing. Instead, DEQ relies on Flint's certification of sample sites. The auditor suggests DEQ should consider an independent verification of the sampling pool or of Flint's certifications. In November 2015, Flint said it had no way to ensure the sites were all tier 1. Water samples came from 175 randomly distributed testing bottles. DEQ has asked Flint to verify its prior samples by this Wednesday (12/30).

- There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. The auditor determined it was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.

- Charts show that most water samples were taken in the sixth month of the six-month testing period. The auditor said it's difficult to determine if the lateness of the sampling affects the accuracy.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397 office
[redacted]
Twitter:@michigandmurray



From: Bryn Mickle <BMICKLE1@mlive.com>
Sent: Monday, December 28, 2015 4:24 PM
To: Murray, David (GOV)
Cc: klonglely1@mlive.com
Subject: Re: Letter from Auditor General on DEQ and Flint water

Thanks. I've forwarded this to Jiquanda Johnson who is working on the story.

Sent from my iPhone

> On Dec 28, 2015, at 4:00 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
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> Bryn and Kristen,
>
> I'm guessing that Ron is off this week since we haven't heard from him about letter from the Office of the Auditor General. this. I'll pass it along to you two
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> First, here's a copy of the letter in case you don't have it: http://www.audgen.michigan.gov/finalpdfs/15_16/l761032015.pdfhttp://www.audgen.michigan.gov/finalpdfs/15_16/l761032015.pdf
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> But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.
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> We appreciate the efforts of the Auditor General and will carefully consider all of the recommendations contained in the letter.
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> Bryn and Kristen, for your background, here is a summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.
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Sent: Monday, December 28, 2015 4:26 PM
To: Bryn Mickle
Subject: Re: Letter from Auditor General on DEQ and Flint water

Thank you. Having the actual response is important.

Sent from my iPhone

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From: Murray, David (GOV)
Sent: Monday, December 28, 2015 4:35 PM
To: Holland, Meegan (GOV)
Subject: ABC12 story

http://www.abc12.com/home/headlines/Michigans-auditor-general-takes-in-depth-look-at-Flint-water-emergency-363642301.html

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]
Twitter:@michigandmurray

From: Lynch, James <JLynch@detroitnews.com>
Sent: Monday, December 28, 2015 5:11 PM
To: Murray, David (GOV)
Subject: Re: Office of Auditor General letter

David.
Thanks. Chad passed along your earlier email. Unless they tinkered with it, that comment should be in there.
Jim

Sent from my iPhone

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Sent: Monday, December 28, 2015 5:12 PM
To: Lynch, James
Subject: Re: Office of Auditor General letter

Appreciated, Jim!

Sent from my iPhone

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>> • DEQ doesn't operate the Flint WTP so it doesn't have any accountability measures to ensure the WTP is collecting water samples from tier 1 homes, i.e., residences with lead service lines, soldering or plumbing. Instead, DEQ relies on Flint's certification of sample sites. The auditor suggests DEQ should consider an independent verification of the sampling pool or of Flint's certifications. In November 2015, Flint said it had no way to ensure the sites were all tier 1. Water samples came from 175 randomly distributed testing bottles. DEQ has asked Flint to verify its prior samples by this Wednesday (12/30).
>>
>>
>>
>> • There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. The auditor determined it was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.
>>
>>
>>
>> • Charts show that most water samples were taken in the sixth month of the six-month testing period. The auditor said it's difficult to determine if the lateness of the sampling affects the accuracy.

From: Jiquanda Johnson <JJOHNS16@mlive.com>
Sent: Monday, December 28, 2015 5:51 PM
To: Murray, David (GOV)
Subject: Statement

I am working on a post about the results of a recent independent state audit in regards to Flint's water crisis. Is this the official statement from the state? And who do we attribute it to?

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

We appreciate the efforts of the Auditor General and will carefully consider all of the recommendations contained in the letter.

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From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Thursday, October 01, 2015 10:52 PM
To: Jiquanda Johnson <JJOHNS16@mlive.com>
Subject: Re: Story update

Thank you! Sorry for the delay before.

Sent from my iPhone

On Oct 1, 2015, at 10:51 PM, Jiquanda Johnson <JJOHNS16@mlive.com<mailto:JJOHNS16@mlive.com>> wrote:

I updated the story. Here is the link.
http://www.mlive.com/news/flint/index.ssf/2015/10/genesee_county_leaders_warn_do.html

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 5:55 PM
To: 'Jiquanda Johnson'
Subject: RE: Statement

Hello Jiquanda,

You can attribute that statement to me.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office [redacted] mobile Twitter:@michigandmurray

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From: Jiquanda Johnson <JJOHNS16@mlive.com>
Sent: Monday, December 28, 2015 5:57 PM
To: Murray, David (GOV)
Subject: RE: Statement

Thank you.

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From: Murray, David (GOV)
Sent: Monday, December 28, 2015 5:58 PM
To: [redacted]
Subject: Auditor General letter story

Kyle, I noticed that no one from MIRS contacted us or DEQ for a statement today about the Office of Auditor General letter about Flint water.

I saw you folks used an older quote. Did you want a statement from us? Is it too late to add it?

First, here's a copy of the letter in case you don't have it: http://www.audgen.michigan.gov/finalpdfs/15_16/i761032015.pdf

Our statement, which can be attributed to me:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

We appreciate the efforts of the Auditor General and will carefully consider all of the recommendations contained in the letter.

For your background, here is a summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

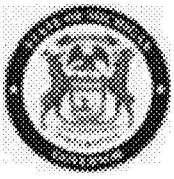
Conclusions:

- While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

- In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a

new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray



From: Murray, David (GOV)
Sent: Monday, December 28, 2015 6:00 PM
To: 'Jiquanda Johnson'
Subject: RE: Statement

Do you have a copy of the actual response from the Auditor General?

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office [redacted] mobile Twitter:@michigandmurray

-----Original Message-----
From: Jiquanda Johnson [mailto:JJOHNS16@mlive.com]
Sent: Monday, December 28, 2015 5:57 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Statement

Thank you.

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From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 28, 2015 5:55 PM
To: Jiquanda Johnson <JJOHNS16@mlive.com>
Subject: RE: Statement

Hello Jiquanda,

You can attribute that statement to me.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office [redacted] mobile Twitter:@michigandmurray

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I updated the story. Here is the link.
http://www.mlive.com/news/flint/index.ssf/2015/10/genesee_county_leaders_warn_do.html

From: Jiquanda Johnson <JJOHNS16@mlive.com>
Sent: Monday, December 28, 2015 6:05 PM
To: Murray, David (GOV)
Subject: Re: Statement

Yes, it was sent over earlier today via email.

Sent from my iPhone

> On Dec 28, 2015, at 5:59 PM, "Murray, David (GOV)" <MurrayD1@michigan.gov> wrote:
>
> Do you have a copy of the actual response from the Auditor General?
>
> Dave Murray
> Press Secretary | Executive Office of Governor Rick Snyder
> MurrayD1@michigan.gov 517-335-6397, office [redacted], mobile
> Twitter:@michigandmurray
>
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> From: Jiquanda Johnson [mailto:JJOHNS16@mlive.com]
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> Subject: RE: Statement
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> Thank you.
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> http://www.mlive.com/news/flint/index.ssf/2015/10/genesee_county_leade
> rs_warn_do.html

From: Kyle Melinn [redacted]
Sent: Monday, December 28, 2015 6:08 PM
To: Murray, David (GOV)
Subject: Re: Auditor General letter story

I'm off today, Dave, but I just sent this to John. He should be able to get it in. Thanks for letting me know

Sent from my iPhone

> On Dec 28, 2015, at 5:58 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
>
> Kyle, I noticed that no one from MIRS contacted us or DEQ for a statement today about the Office of Auditor General letter about Flint water.
> I saw you folks used an older quote. Did you want a statement from us? Is it too late to add it?
> First, here's a copy of the letter in case you don't have it:
> http://www.audgen.michigan.gov/finalpdfs/15_16/1761032015.pdf
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> For your background, here is a summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.
> Conclusions:
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> MurrayD1@michigan.gov<mailto:MurrayD1@michigan.gov>
> 517-335-6397, office
> [redacted] mobile
> Twitter:@michigandmurray
>
> [Emblem]
>
> <winmail.dat>

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 6:11 PM
To: Kyle Melinn
Subject: Re: Auditor General letter story

Thanks, Kyle! Appreciated.

Sent from my iPhone

> On Dec 28, 2015, at 6:07 PM, Kyle Melinn <[redacted]> wrote:
>
> I'm off today, Dave, but I just sent this to John. He should be able
> to get it in. Thanks for letting me know
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>> Twitter:@michigandmurray
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>> [Emblem]
>>
>> <winmail.dat>

From: Gil Bartee <[redacted]>
Sent: Monday, December 28, 2015 6:39 PM
To: Wurfel, Sara (GOV); Murray, David (GOV)
Subject: Water Filters for Flint Residents

Sarah / Dave:

I have friends who live in the Flint area and they have told me about the issues with the water being contaminated with lead and other contaminents.

My company Bartee & Associates is a Global Sourcing Company (www.barteeassociates.com).
We do Global Sourcing for many firms in the Americas, Europe and Asia.

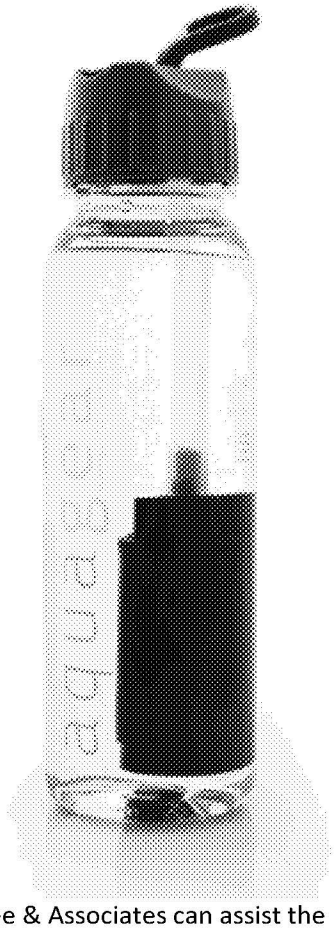
We represent a number of water filtration companies.
I have spoken to my suppliers about the water problem in Flint and we would like to assist the residents of Flint and surrounding communities in any way that we can.
My suppliers have agreed to supply filters below wholesale cost.

For instance, we can supply pitcher type water filters that will filter water contaminants including lead for a period of 6 months without having to replace the filter.
This type of filter is being used by the military and FEMA. I am also a FEMA contractor.

We have many types of water filters from whole house units to the pitcher and even a water bottle filter that can filter water for 6 months with one filter.

We would also work on sourcing grant money to fund this endeavor.

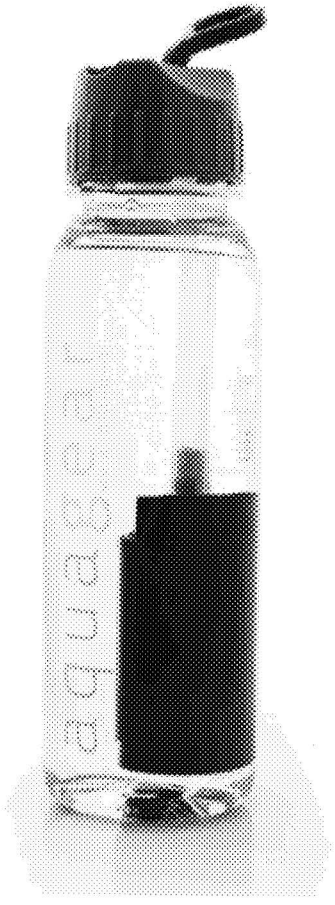
Two of the filters are pictured below.



If Bartee & Associates can assist the residents of Flint and surrounding communities in any way please do not hesitate to contact me.

Best Regards,

Gil Bartee
Bartee & Associates
NeoWaste
www.barteeassociates.com
www.neowaste.com
Gil@neowaste.com
[redacted]
(817)975-8736


aquaphor

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 6:40 PM
To: 'Gil Bartee'
Subject: RE: Water Filters for Flint Residents

Thank you, Gil. Very kind of you.

I'll forward this to the proper folks.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Gil Bartee [redacted]
Sent: Monday, December 28, 2015 6:39 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
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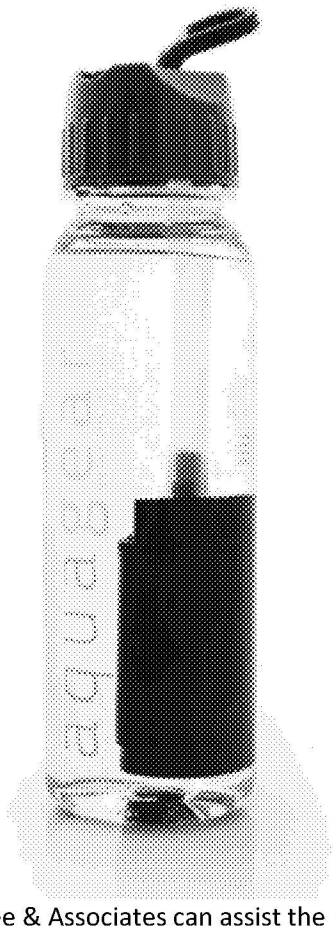

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Gil@neowaste.com
[redacted]
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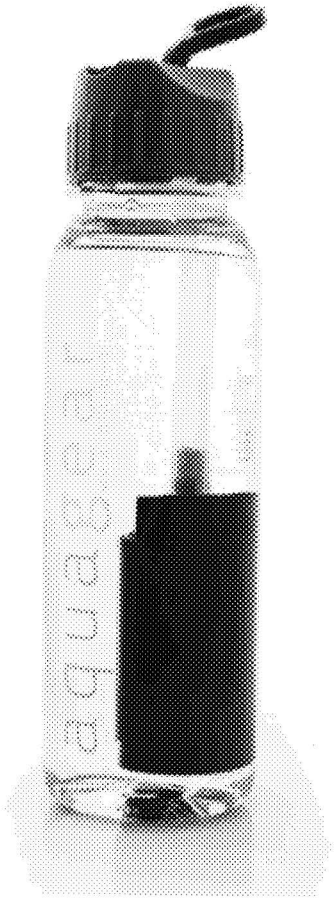
aquaphor

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 6:43 PM
To: Baird, Richard (GOV)
Subject: FW: Water Filters for Flint Residents

Hi Rich,

Not sure who would be the proper person to receive such an offer. Any idea who I could pass this along to?

Thanks!

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

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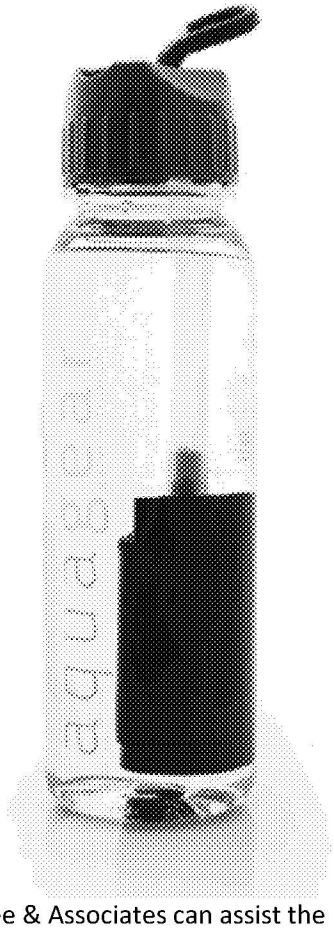
This type of filter is being used by the military and FEMA. I am also a FEMA contractor.

We have many types of water filters from whole house units to the pitcher and even a water bottle filter that can filter water for 6 months with one filter.

We would also work on sourcing grant money to fund this endeavor.

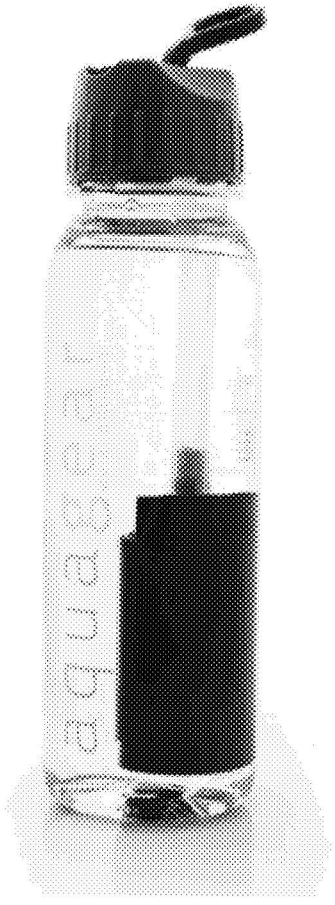
Two of the filters are pictured below.



If Bartee & Associates can assist the residents of Flint and surrounding communities in any way please do not hesitate to contact me.

Best Regards,

Gil Bartee
Bartee & Associates
NeoWaste
www.barteeassociates.com
www.neowaste.com
Gil@neowaste.com
[redacted]
(817)975-8736


aquaphor

From: Gil Bartee <[redacted]>
Sent: Monday, December 28, 2015 6:44 PM
To: Murray, David (GOV)
Subject: Re: Water Filters for Flint Residents

Thank you Sir!

We are ready, willing and able to assist the fine residents of Flint in any way we can!

I appreciate your quick response.

I wish you and your family a very Happy New Year!

Best Regards,

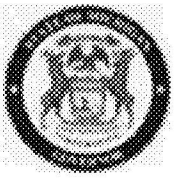
Gil Bartee
Bartee & Associates
NeoWaste
www.barteeassociates.com
www.neowaste.com
Gil@neowaste.com
[redacted]
(817)975-8736

From: "Murray, David (GOV)" <MurrayD1@michigan.gov>
Date: Monday, December 28, 2015 at 5:40 PM
To: Gil Bartee <[redacted]>
Subject: RE: Water Filters for Flint Residents

Thank you, Gil. Very kind of you.

I'll forward this to the proper folks.

Dave Murray
Press Secretary |Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray



From: Gil Bartee [redacted]
Sent: Monday, December 28, 2015 6:39 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Water Filters for Flint Residents

Sarah / Dave:

I have friends who live in the Flint area and they have told me about the issues with the water being contaminated with lead and other contaminents.

My company Bartee & Associates is a Global Sourcing Company (www.barteeassociates.com).
We do Global Sourcing for many firms in the Americas, Europe and Asia.

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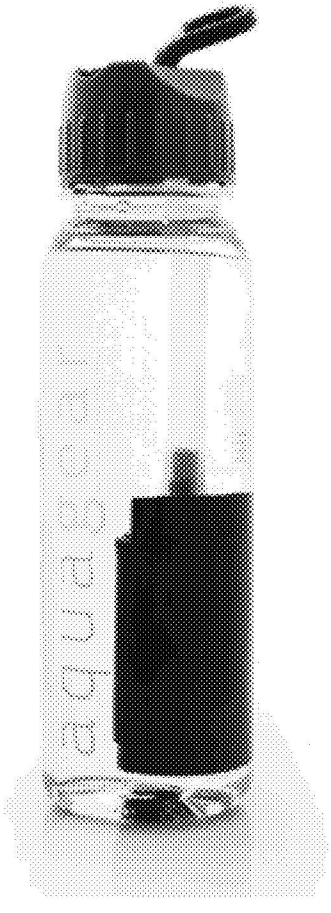

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Gil@neowaste.com
[redacted]
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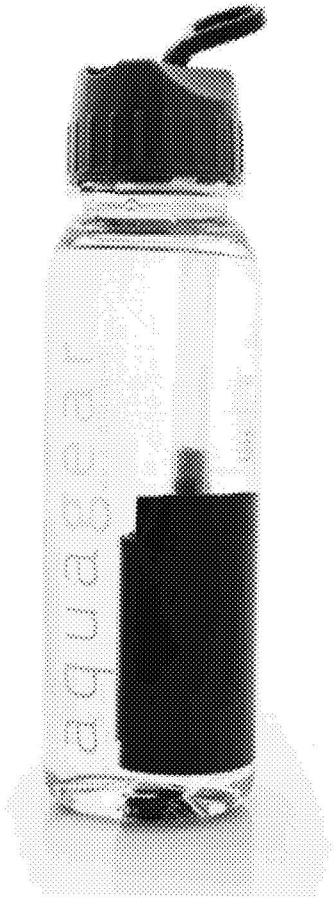
aquaphor

From: Baird, Richard (GOV)
Sent: Monday, December 28, 2015 6:57 PM
To: Murray, David (GOV); Hollins, Harvey (GOV)
Subject: Re: FW: Water Filters for Flint Residents

Harvey will know. Probably Natasha or Mayor office.

Sent from my Verizon Wireless 4G LTE DROID
On Dec 28, 2015 6:42 PM, "Murray, David (GOV)" <MurrayD1@michigan.gov> wrote:

Hi Rich,

Not sure who would be the proper person to receive such an offer. Any idea who I could pass this along to?

Thanks!

Dave

Dave Murray

Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

[redacted] mobile

Twitter:@michigandmurray

From: Gil Bartee [redacted]
Sent: Monday, December 28, 2015 6:39 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Water Filters for Flint Residents

Sarah / Dave:

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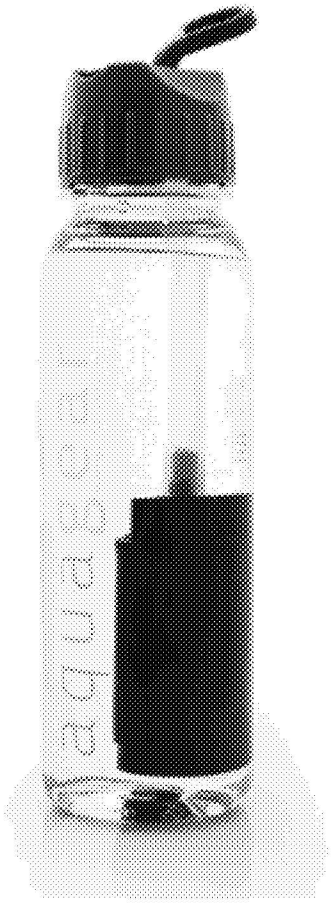


If Bartee & Associates can assist the residents of Flint and surrounding communities in any way please do not hesitate to contact me.

Best Regards,

Gil Bartee

Bartee & Associates

NeoWaste

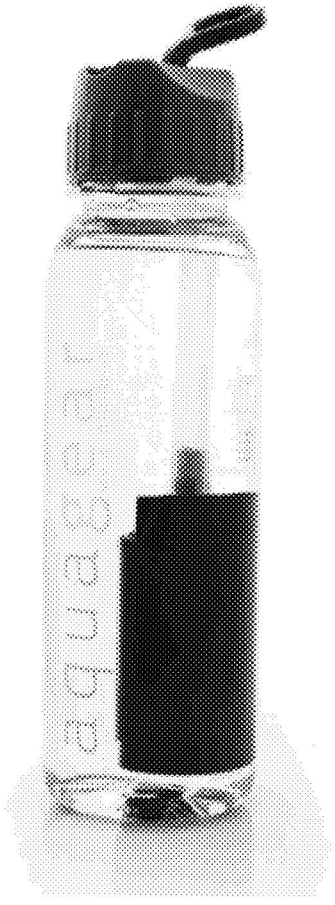
www.barteeassociates.com

www.neowaste.com

Gil@neowaste.com

[redacted]

(817)975-8736


aquaphor

From: Murray, David (GOV)
Sent: Monday, December 28, 2015 7:00 PM
To: Hollins, Harvey (GOV)
Subject: FW: Water Filters for Flint Residents

Hi Harvey,

Not sure who should be the one to receive an offer like this. Would this be for you?

Thanks!

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Gil Bartee [redacted]
Sent: Monday, December 28, 2015 6:39 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Water Filters for Flint Residents

Sarah / Dave:

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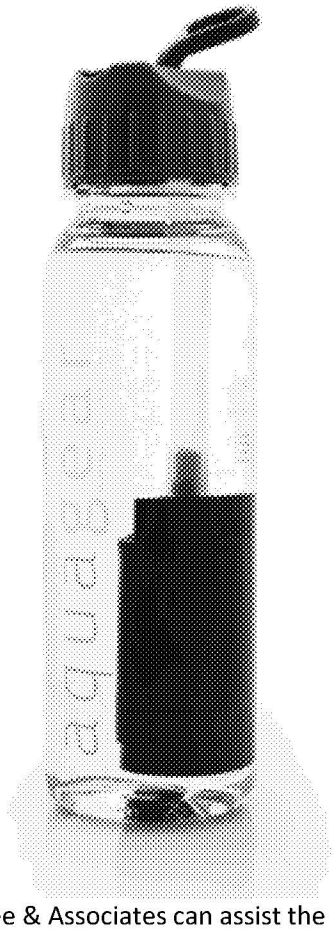

If Bartee & Associates can assist the residents of Flint and surrounding communities in any way please do not hesitate to contact me.

Best Regards,

Gil Bartee
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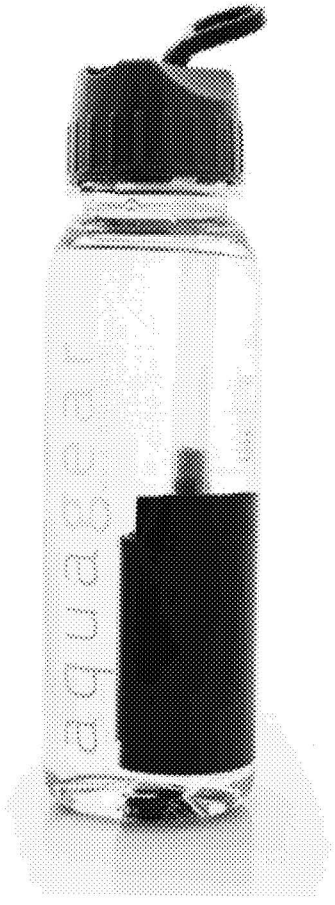
NeoWaste
www.barteeassociates.com
www.neowaste.com
Gil@neowaste.com
[redacted]
(817)975-8736

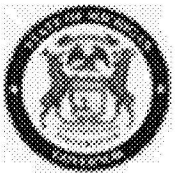

aquaphor

From: Hollins, Harvey (GOV)
Sent: Monday, December 28, 2015 9:58 PM
To: Murray, David (GOV)
Subject: Re: Water Filters for Flint Residents
Attachments: image001.jpg; C1735706-0089-48A9-8879-C50AA33F26E8.png

Point them to me.

Best,
Harvey

On Dec 28, 2015, at 6:59 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Hi Harvey,
>
> Not sure who should be the one to receive an offer like this. Would this be for you?
>
> Thanks!
>
> Dave
>
> **Dave Murray**
> Press Secretary | Executive Office of Governor Rick Snyder
> MurrayD1@michigan.gov
> 517-335-6397, office
> [redacted] mobile
> Twitter:@michigandmurray
>
> 
>
> **From:** Gil Bartee [redacted]
> **Sent:** Monday, December 28, 2015 6:39 PM
> **To:** Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>
> **Subject:** Water Filters for Flint Residents
>
> Sarah / Dave:
>
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<A42118C4-576A-41B2-BA78-

14E6CD4949BF.png>

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Best Regards,

Gil Bartee
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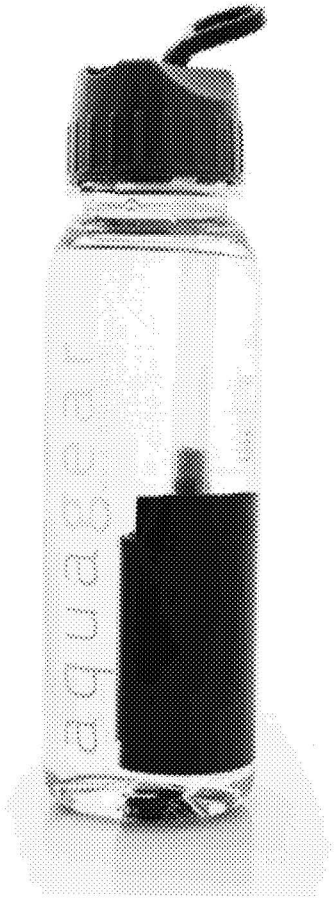
aquaphor

From: Ryan Rifai <[redacted]>
Sent: Tuesday, December 29, 2015 11:53 AM
To: Murray, David (GOV)
Subject: Al Jazeera request for comments on water crisis

Dear Dave Murrary,

I am a journalist for Al Jazeera, the media organisation based in Qatar.

I am writing a story about Flint's water crisis. It will be featured on www.aljazeera.com

Here are some questions I have that I hope you could help answer, please help with whatever you can:

What is the state of Michigan doing to help solve Flint and Detroit's water crises?

Why were water rates increased in 2014 in Detroit to the extent that many residents in the city and in Flint could not afford it?

If that was not the main problem, what was and who would you pin the most blame on for the crises?

How would you answer to accusations that the Michigan state's administration ignored warnings of unsafe drinking and cooking water in Flint?

Thank you for your help!

Sincerely,

Ryan Rifai

From: Wurfel, Brad (DEQ)
Sent: Tuesday, December 29, 2015 12:32 PM
To: Murray, David (GOV); Hollins, Harvey (GOV)
Cc: Thelen, Mary Beth (DEQ)
Subject: Fwd: Brad, CNN Morning Show - Wants to Interview Someone Tomorrow Morning on Flint Water - Call Melissa at [redacted] by 2:00 Today

Dave, assign this as you want. Thanks.

Sent from my iPhone

Begin forwarded message:

> **From:** "Thelen, Mary Beth (DEQ)" <THELENM2@michigan.gov>
> **Date:** December 29, 2015 at 12:28:42 PM EST
> **To:** "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>
> **Cc:** "Sygo, Jim (DEQ)" <SygoJ@michigan.gov>, "Tommasulo, Karen (DEQ)" <TommasuloK@michigan.gov>, "Wyant, Dan (DEQ)" <WyantD@michigan.gov>, "Feuerstein, Heather (DEQ)" <FeuersteinH@michigan.gov>, "Thelen, Mary Beth (DEQ)" <THELENM2@michigan.gov>, "Krisztian, George (DEQ)" <krisztiang@michigan.gov>
> **Subject: Brad, CNN Morning Show - Wants to Interview Someone Tomorrow Morning on Flint Water - Call Melissa at [redacted] by 2:00 Today**
>
> Brad,
>
> **Caller:** Melissa Giaimo
> **Where:** CNN Morning Show
> **What:** Wants to Interview the Director OR a Point Person on the Flint Water Issues
> **Deadline:** Needs to know by 2:00 today if we will have someone available to interview for tomorrow morning.
> **Telephone**: [redacted]
>
> Please call Melissa ASAP. Let us know if we need to have someone else return this call and if we need to have someone available for the morning.
>
> The Director is on AL on Wednesday as well as Jim Sygo on Wednesday.
>
> Thank you.
>
> Mary Beth
>
> Mary Beth Thelen
> Management Assistant to Director Dan Wyant
> Department of Environmental Quality
> Constitution Hall, 6th Floor South
> Phone: 517-284-6712 or 284-6700 (new numbers)
> Fax: 517-241-7401

Thelenm2@michigan.gov

From: Holland, Meegan (GOV)
Sent: Tuesday, December 29, 2015 12:50 PM
To: Murray, David (GOV)
Subject: DRAFT: rough version

When I became aware that the city of Flint's water showed elevated lead levels and that the state's handling of the situation was being questioned, //////switch back to Detroit water////////////////////// I appointed an independent task force to investigate how the situation evolved and to identify possible missteps and areas for improvement.

The task force has done an exceptional job, reviewing stacks of documents and interviewing scores of Flint, Genesee County, state and federal officials.

Although the task force's final report is not yet completed, it has made me aware of some interim findings and corrective steps that I have decided to take immediately in order to restore trust in how the state keeps its citizens safe and informed.

We'll continue to work with the community to make sure we hear and respond to community concerns.

In addition, MDEQ Director Dan Wyant has offered his resignation, and I've determined that it's appropriate to accept it. **I'm also making** other personnel changes at MDEQ to address problems cited by the task force.

But changes in leadership and staff are not enough. I understand there can be disagreements within the scientific community. That is why I have directed both the departments of Environmental Quality and Health and Human Services to invite every external scientist who has worked on this issue to be our partners in helping us improve Flint water. Let's share research on water and blood lead level testing so we can arrive at accurate and mutually supported conclusions. Together, we should work to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're doing proper monitoring and remediation of health impacts over the short and long term. **Taking steps to protect their health over the short and long term.**

I want the Flint community to know how very sorry I am that this has happened. And I want all Michigan citizens to know that we will learn from this experience, because Flint is not the only city that has an aging infrastructure.

I know many Flint citizens are angry and want more than an apology. That's why I'm taking the actions today to ensure a culture of openness and trust. We've already allocated $10 million to test the water, distribute water filters, and help in other ways. Last week, I called Flint Mayor Karen Weaver, and we're going to meet soon to discuss other ways the state can offer assistance.

These are only initial steps - we fully expect to take more actions following the recommendations of our task force. When it comes to matters of health and quality of life, we're committed to doing everything we can to protect the well-being of our citizens.

Meegan Holland
Director of Communications for Gov. Rick Snyder
Office: 517-335-6397

Mobile: [redacted]
Twitter: @meholland

From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 1:18 PM
To: Agen, Jarrod (GOV); Holland, Meegan (GOV)
Subject: Review, please: DRAFT internal letter

Jarrod,

Here's a draft of the Executive Office email. I wanted to keep it short, look at the bigger picture, and also say something nice about Dan's many years of service under three governors. Let me know if you desire any changes.

Dave

Team,

As you are aware, we have been working closely with the independent task force that has been reviewing state, local and federal actions regarding the serious health issues related to water in Flint.

Although the task force's final report is not yet complete, members have made the Governor aware of some interim findings, and there are interim steps the Governor has decided to take immediately in order to restore trust in how we in state government keep residents safe and informed.

As part of this process, Dan Wyant, director of the Department of Environmental Quality, has offered his resignation, and Governor has reluctantly determined to accept it. There are likely to be other personnel changes in MDEQ as well.

I want to thank Dan for his service. He has been the DEQ director since the start of the administration, and previously headed the Agriculture Department under both Gov. Engler and Gov. Granholm. He is passionate about public service and protecting our state's environment.

The situation in Flint is serious and challenging. We will continue work closely with the task force and city leaders as we move forward, committed to protecting the health of people living in Flint and around our state.

Sincerely,

Jarrod Agen

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Agen, Jarrod (GOV)
Sent: Tuesday, December 29, 2015 1:24 PM
To: Murray, David (GOV)
Cc: Holland, Meegan (GOV)
Subject: Re: Review, please: DRAFT internal letter

Ok

Sent from my iPhone

On Dec 29, 2015, at 1:17 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Jarrod,
>
> Here's a draft of the Executive Office email. I wanted to keep it short, look at the bigger picture, and also say something nice about Dan's many years of service under three governors. Let me know if you desire any changes.
>
> Dave
>
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>
> Sincerely,
>
> Jarrod Agen

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office

[redacted]mobile
Twitter:@michigandmurray

<image001.jpg>

From: Holland, Meegan (GOV)
Sent: Tuesday, December 29, 2015 1:58 PM
To: Murray, David (GOV); Brown, Jessica (GOV)
Subject: statement

Gov. Rick Snyder is releasing this statement on the Flint water situation:

When I became aware that the city of Flint's water showed elevated lead levels and that the state's handling of the situation was being questioned, I requested funding to switch the source back to the Great Lakes Water Authority and appointed an independent task force to identify possible missteps and areas for improvement.

The task force has done an exceptional job, reviewing stacks of documents and interviewing scores of Flint, Genesee County, state and federal officials.

Although the task force's final report is not yet completed, it has made me aware of some interim findings and corrective steps that I have decided to take immediately in order to restore trust in how the state keeps its citizens safe and informed.

We'll continue to work with the community members to make sure we hear and respond to their concerns.

In addition, MDEQ Director Dan Wyant has offered his resignation, and I've determined that it's appropriate to accept it. I'm also making other personnel changes at MDEQ to address problems cited by the task force.

But changes in leadership and staff are not enough. I understand there can be disagreements within the scientific community. That is why I have directed both the departments of Environmental Quality and Health and Human Services to invite every external scientist who has worked on this issue to be our partners in helping us improve Flint water. Let's share research on water and blood lead level testing so we can arrive at accurate and mutually supported conclusions. Together, we should work to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're taking steps to protect their health over the short and long term.

I want the Flint community to know how very sorry I am that this has happened. And I want all Michigan citizens to know that we will learn from this experience, because Flint is not the only city that has an aging infrastructure.

I know many Flint citizens are angry and want more than an apology. That's why I'm taking the actions today to ensure a culture of openness and trust. We've already allocated $10 million to test the water, distribute water filters, and help in other ways. Last week, I called Flint Mayor Karen Weaver, and we're going to meet soon to discuss other ways the state can offer assistance.

These are only initial steps - we fully expect to take more actions following the recommendations of our task force. When it comes to matters of health and quality of life, we're committed to doing everything we can to protect the well-being of our citizens.

From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 2:17 PM
To: 'Dupnack, Jessica'
Subject: EMBARGO until 2:40
Attachments: PR.151229.FlintStatement.docx

Hello Jessica,

Here you go. Please respect the 2:40 embargo.

Dave Murray

Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office [redacted] mobile Twitter:@michigandmurray

-----Original Message-----
From: Dupnack, Jessica [mailto:jessica.dupnack@abc12.com]
Sent: Monday, December 28, 2015 2:20 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: statement

It worked! Thank you.

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 28, 2015 2:17 PM
To: Dupnack, Jessica
Subject: statement

Hi Jessica,

Thank you for your patience and assistance. You can attribute this to me:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

Jessica, for your background, here's a helpful summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

* -- While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

* -- In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

* -- DEQ did not consult with the EPA on how best to apply the Lead and Copper Rule monitoring practices after the switch to Flint water, but from past experience, DEQ believed it was doing so correctly by doing two rounds of six-month monitoring on the new water source before determining optimal corrosion control. The EPA disagreed with DEQ's interpretation of the LCR, but later stated that the LCR was open to interpretation. It then clarified the rule: Corrosion controls already in place when Flint was on Detroit water should have been maintained after the switch.

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Dave Murray, Laura Biehl or Anna Heaton 517-335-6397	Tuesday, Dec. 29, 2015

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Changes to take place at DEQ, meeting planned with Mayor Karen Weaver

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"The task force has done an exceptional job, reviewing stacks of documents and interviewing scores of Flint, Genesee County, state and federal officials. Although the task force's final report is not yet completed, members have made me aware of some interim findings and corrective steps that I have decided to take immediately in order to restore trust in how the state keeps its citizens safe and informed.

"We'll continue to work with the community members to make sure we hear and respond to their concerns.

"In addition, MDEQ Director Dan Wyant has offered his resignation, and I've determined that it's appropriate to accept it. I'm also making other personnel changes at MDEQ to address problems cited by the task force.

"But changes in leadership and staff are not enough. I understand there can be disagreements within the scientific community. That is why I have directed both the departments of Environmental Quality and Health and Human Services to invite every external scientist who has worked on this issue to be our partners in helping us improve Flint water. Let's share research on water and blood lead level testing so we can arrive at accurate and mutually supported conclusions. Together, we should work to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're taking steps to protect their health over the short and long term.

"I want the Flint community to know how very sorry I am that this has happened. And I want all Michigan citizens to know that we will learn from this experience, because Flint is not the only city that has an aging infrastructure.

“I know many Flint citizens are angry and want more than an apology. That’s why I’m taking the actions today to ensure a culture of openness and trust. We’ve already allocated $10 million to test the water, distribute water filters, and help in other ways. Last week, I called Flint Mayor Karen Weaver, and we’re going to meet soon to discuss other ways the state can offer assistance.

“These are only initial steps - we fully expect to take more actions following the recommendations of our task force. When it comes to matters of health and quality of life, we’re committed to doing everything we can to protect the well-being of our citizens.”

# # #

From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 2:19 PM
To: 'Eggert, David'
Subject: EMBARGOED until 2:40
Attachments: PR.151229.FlintStatement.docx

Dave, this is embargoed until 2:40.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office [redacted] mobile Twitter:@michigandmurray

-----Original Message-----
From: Eggert, David [mailto:DEggert@ap.org]
Sent: Monday, December 28, 2015 3:15 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Response to Office of Auditor General's report on Flint water

Thx dave

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, December 28, 2015 3:03 PM
To: Eggert, David
Subject: Response to Office of Auditor General's report on Flint water

Hi Dave, are you writing about the letter the Office of Auditor General wrote about the DEQ and Flint water?

First, here's a copy of the response from Office of the Auditor General:
http://www.audgen.michigan.gov/finalpdfs/15_16/l761032015.pdf

You can attribute this to me:

The letter from the Office of the Auditor General includes some criticisms, but also reflects that state officials were following accepted protocols, or in one case, an interpretation of the corrosion control program that the EPA later clarified.

But we need to do better in ensuring Flint residents have safe water and tracking children affected by elevated lead levels. We continue to work with the bipartisan task force that is reviewing all the actions at the state, local and federal

level and is expected to offer recommendations in a month or so. Gov. Snyder is committed to working with Flint Mayor Weaver and officials on these issues.

Dave for your background, here's a helpful summary of answers from the Office of the Auditor General in response to questions mostly posed by Sen. Jim Ananich's office (the auditor added a few questions in the 11-page report). The questions were posed as the OAG conducts an audit of the Office of Drinking Water and Municipal Assistance's handling of the Flint water crisis.

Conclusions:

n While the Flint City Council voted in March 2013 to move to the KWA pipeline, it didn't designate the Flint River as an interim water source. But the Department of Environmental Quality had approved the river as a backup source for emergency purposes in 2006. The treated water met safety standards in quarterly tests by the Flint Water Treatment Plant, but Flint had never tested its effect on the distribution system.

n In an email review of key DEQ managers to determine if there was an effort to conceal information, only one email exchange raised red flags. The Environmental Protection Agency had asked DEQ in February 2015 if Flint had a corrosion control program; the DEQ responded the city had an optimized program in place. In April the EPA asked again, and the DEQ said that the Flint Water Treatment Plant was not doing corrosion control. DEQ later explained that the first answer was referring to its Lead and Copper Rule program, in which it monitors a new water source (in this case, the Flint river) for lead/copper for two consecutive six-month periods to determine if corrosion treatment is necessary. The report says there's no reason to believe that DEQ willfully misrepresented information to the EPA. It also concludes that Office of Drinking Water and Municipal Assistance employees appeared to have notified management properly about the unfolding Flint water situation.

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n DEQ should have notified the Flint WTP to start corrosion controls once the first round of six-month sampling results arrived in late March 2015 and showed the water exceeded acceptable lead levels.

n DEQ doesn't operate the Flint WTP so it doesn't have any accountability measures to ensure the WTP is collecting water samples from tier 1 homes, i.e., residences with lead service lines, soldering or plumbing. Instead, DEQ relies on Flint's certification of sample sites. The auditor suggests DEQ should consider an independent verification of the sampling pool or of Flint's certifications. In November 2015, Flint said it had no way to ensure the sites were all tier 1. Water samples came from 175 randomly distributed testing bottles. DEQ has asked Flint to verify its prior samples by this Wednesday (12/30).

n There's been controversy that DEQ dropped two sampling sites with high lead levels from its second six-month review. The auditor determined it was appropriate for DEQ to do so because those sites did not meet federal criteria. It was also appropriate for DEQ to require flushing taps the night before sampling to ensure faucets didn't contain overly stagnant water.

n Charts show that most water samples were taken in the sixth month of the six-month testing period. The auditor said it's difficult to determine if the lateness of the sampling affects the accuracy.

The information contained in this communication is intended for the use

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# # #

From: Thelen, Mary Beth (DEQ)
Sent: Tuesday, December 29, 2015 2:24 PM
To: Murray, David (GOV); Hollins, Harvey (GOV)
Cc: Wurfel, Brad (DEQ)
Subject: RE: Brad, CNN Morning Show - Wants to Interview Someone Tomorrow Morning on Flint Water - Call Melissa at 202-297-5247 by 2:00 Today

Importance: High

Dave and Harvey,

Melissa just called again and she really needs an answer in the next 10 minutes. I had the person answering our phones take a message.

Thank you for your assistance.

Mary Beth

Mary Beth Thelen
Management Assistant to Director Dan Wyant
Department of Environmental Quality
Constitution Hall, 6th Floor South
Phone: 517-284-6712 or 284-6700 (new numbers)
Fax: 517-241-7401
Thelenm2@michigan.gov

From: Wurfel, Brad (DEQ)
Sent: Tuesday, December 29, 2015 12:32 PM
To: Murray, David (GOV); Hollins, Harvey (GOV)
Cc: Thelen, Mary Beth (DEQ)
Subject: Fwd: Brad, CNN Morning Show - Wants to Interview Someone Tomorrow Morning on Flint Water - Call Melissa at 202-297-5247 by 2:00 Today

Dave, assign this as you want. Thanks.

Sent from my iPhone

Begin forwarded message:

> **From:** "Thelen, Mary Beth (DEQ)" <THELENM2@michigan.gov>
> **Date:** December 29, 2015 at 12:28:42 PM EST
> **To:** "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>
> **Cc:** "Sygo, Jim (DEQ)" <SygoJ@michigan.gov>, "Tommasulo, Karen (DEQ)" <TommasuloK@michigan.gov>, "Wyant, Dan (DEQ)" <WyantD@michigan.gov>, "Feuerstein, Heather (DEQ)" <FeuersteinH@michigan.gov>, "Thelen, Mary Beth (DEQ)" <THELENM2@michigan.gov>, "Krisztian, George (DEQ)" <krisztiang@michigan.gov>
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Where: CNN Morning Show
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Please call Melissa ASAP. Let us know if we need to have someone else return this call and if we need to have someone available for the morning.

The Director is on AL on Wednesday as well as Jim Sygo on Wednesday.

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> Thelenm2@michigan.gov

From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 2:26 PM
To: Egan, Paul (pegan@freepress.com)
Subject: EMBARGOED until 2:40
Attachments: PR.151229.FlintStatement.docx

Please respect the 2:40 emargo.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
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From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 2:27 PM
To: 'Dupnack, Jessica'
Subject: RE: PLEASE AND THANK YOU
Attachments: PR.151229.FlintStatement.docx

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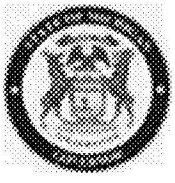

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Subject: PLEASE AND THANK YOU

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To: Murray, David (GOV)
Subject: RE: Brad, CNN Morning Show - Wants to Interview Someone Tomorrow Morning on Flint Water - Call Melissa at 202-297-5247 by 2:00 Today

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Sent: Tuesday, December 29, 2015 2:29 PM
To: Vaughn, Kari (DEQ); Murray, David (GOV)
Subject: RE: Melissa - CNN - 202-297-5247 - on deadline, needs in less than 10 minutes.

Thanks Kari, I have forwarded your note to Dave Murray of the Governor's office.

Mary Beth

Mary Beth Thelen
Management Assistant to Director Dan Wyant
Department of Environmental Quality
Constitution Hall, 6th Floor South
Phone: 517-284-6712 or 284-6700 (new numbers)
Fax: 517-241-7401
Thelenm2@michigan.gov

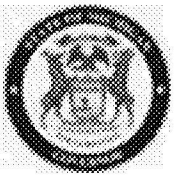
From: Vaughn, Kari (DEQ)
Sent: Tuesday, December 29, 2015 2:21 PM
To: Thelen, Mary Beth (DEQ)
Subject: Melissa - CNN - 202-297-5247 - on deadline, needs in less than 10 minutes.

Melissa is looking for someone between 6 – 9 to be on air regarding the Flint Water Emergency.

Kari L. Vaughn
Executive Management Assistant to Director Jon W. Allan
Office of the Great Lakes
Michigan Department of Environmental Quality
517-284-5035
Vaughnk3@michigan.gov

From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 2:30 PM
To: '[redacted]'
Subject: EMBARGOED INFO
Attachments: PR.151229.FlintStatement.docx

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]mobile
Twitter:@michigandmurray



STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Dave Murray, Laura Biehl or Anna Heaton 517-335-6397	Tuesday, Dec. 29, 2015

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Changes to take place at DEQ, meeting planned with Mayor Karen Weaver

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# # #

From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 2:54 PM
To: 'Giaimo, Melissa'
Subject: RE: Here I am.
Attachments: PR.151229.FlintStatement.docx

Hello Melissa,

Here you go.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]mobile
Twitter:@michigandmurray

From: Giaimo, Melissa [mailto:Melissa.Giaimo@cnn.com]
Sent: Tuesday, December 29, 2015 2:44 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Here I am.

Thanks for the call!

MELISSA GIAIMO
DC Editorial Producer ***"NEW DAY"***
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[redacted] cell
+1-202-351-4406 work
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Behind the Scenes @ New Day!

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# # #

From: Brown, Jessica (GOV)
Sent: Tuesday, December 29, 2015 3:08 PM
To: Murray, David (GOV); Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: PHONE MESSAGE: Zach Gorchow - Gongwer

Zach just called re: DEQ/Flint. He asked for Dave but he was on his cell. Someone please give him a call - [redacted]

Jessica M. Brown
Communications Representative
Executive Office of Michigan Governor Rick Snyder
O: 517-335-6397
M: [redacted]
BrownJ53@michigan.gov

From: Andrew Moore <amoore@sbgtv.com>
Sent: Tuesday, December 29, 2015 3:10 PM
To: Murray, David (GOV)
Subject: RE: From Drew @ NBC 25 Re: Water Switch

Here's my email?

Drew Moore
Reporter
NBC 25 / Fox 66
W: (810) 687-9600
C: [redacted]
@drewmoorenbc25

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Friday, October 16, 2015 7:50 PM
To: Andrew Moore
Subject: RE: From Drew @ NBC 25 Re: Water Switch

Drew,

I've attached the termination letter from DWSD that makes it clear the city didn't have options.

Emergency managers work closely with their local communities to provide services to residents while addressing extreme financial distress. The plan to build the new pipeline to Lake Huron was strongly urged by Mayor Walling and his City Council, which voted 7-1 in favor of the move.

Dave

From: Andrew Moore [mailto:amoore@sbgtv.com]
Sent: Friday, October 16, 2015 7:13 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: From Drew @ NBC 25 Re: Water Switch

Hey no hurry on this because we'll probably pick it up again on Monday. But the Mayor during a brief press conference today, for the first time, definitely laid the blame for the water issues on the Governor and the Emergency Managers. So as you can imagine, as the saga continues, I could use some kind of statement (or phoner) to respond to his claim.

Hope you have a good weekend and we can deal with it on Monday, just wanted to give you the heads up.

Drew Moore
Reporter
NBC 25 / Fox 66
W: (810) 687-9600
C: [redacted]
@drewmoorenbc25

From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 3:11 PM
To: 'Andrew Moore'
Subject: RE: From Drew @ NBC 25 Re: Water Switch
Attachments: PR.151229.FlintStatement.docx

Here you go, Drew.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

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# # #

From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 3:56 PM
To: Egan, Paul (pegan@freepress.com)
Subject: Question about the story
Attachments: l761032015 (1).pdf

Hi Paul,

I saw this line in your story:

The Free Press reported Thursday that records obtained by the Michigan ACLU and Virginia Tech researcher Marc Ewards show elevated lead levels in Flint's drinking water would have spurred action months sooner if the results of city testing that wrapped up in June had not been revised by the DEQ to wrongly indicate the water was safe to drink.

I was wondering if that aspect was addressed in the OAG letter yesterday. I don't think anyone at the Freep wrote about that letter. That issue is discussed in depth on page 6, and the OAG said it was "appropriate" for the DEQ to drop the two water sampling sites.

I've attached the letter to this email so you have the opportunity to give it a quick read. Let me know if we are talking about two different things.

Thanks!

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
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Twitter:@michigandmurray

OAG
Office of the Auditor General
Doug A. Ringler, CPA, CIA
Auditor General
201 N. Washington Square, Sixth Floor • Lansing, Michigan 48913 • Phone: (517) 334-8050 • www.audgen.michigan.gov

December 23, 2015

The Honorable Jim Ananich
Senate Minority Leader
State Capitol, Room S-105
Lansing, Michigan

Dear Senator Ananich:

Enclosed are answers to the questions you posed in your October 20, 2015 letter to our office regarding the audit we are conducting of the Office of Drinking Water and Municipal Assistance (ODWMA), Department of Environmental Quality (DEQ), specific to lead contamination in the City of Flint's drinking water. Also enclosed are additional questions we developed that are relevant to these issues, along with five exhibits:

- A map showing Flint water samples by zip code.
- A map showing lead counts of 5 parts per billion or higher.
- Two charts showing the number of samples by time period and zip code.
- A time line of the Flint water review.

We appreciate the opportunity to assist you in answering questions regarding this topic. If you have further questions or a request for other services, please do not hesitate to contact our office.

Sincerely,

Doug Ringler

Doug Ringler
Auditor General

Enclosures

Q1: How does ODWMA ensure the data it receives is accurate?

A: With regard to the United States Environmental Protection Agency (EPA) Lead and Copper Rule (LCR) monitoring requirements, DEQ relies on the following key controls to ensure the accuracy of test results:

- State-owned laboratories test water samples.
- State-owned laboratories send test results directly to DEQ.
- The City of Flint Water Treatment Plant (Flint WTP) certifies whether sample sites are classified as tier 1*.

The current Flint WTP LCR sampling process includes:

1. DEQ informs the Flint WTP of the required water lead and copper sample size.
2. The Flint WTP determines the pool of tier 1 sites for sampling.
3. The Flint WTP selects the sample.
4. The Flint WTP sends out sample kits and instructions to residents for collecting water samples.
5. Residents leave samples and signed sampling forms outside their front doors.
6. The Flint WTP employee picks up samples and forms from residents.
7. The Flint WTP employee reviews sample forms for completeness.
8. The Flint WTP employee sends samples to the State-owned laboratories.
9. State-owned laboratories test samples and provide results directly to DEQ.
10. DEQ receives water lead and copper sample results, which include the following information: date collected, date received, address where collected, type of residence (e.g., single family or apartment), and sample point (e.g., kitchen sink or bathroom sink).
11. DEQ tracks, and follows up if necessary, the number of samples collected by the Flint WTP to help ensure that the required minimum number of samples are collected by the monitoring period deadline.

* Single-family or multiple-family residence with lead service line, lead solder copper piping constructed after 1982, or lead plumbing.

12. The Flint WTP submits lead and copper report to DEQ that certifies whether sample sites meet tier 1 criteria.

13. DEQ prepares the LCR 90th percentile calculation report.

During our review, we noted two potential improvements for the Flint WTP sampling process (see Question 5 of the additional questions answered by the OAG regarding tier 1 sample validity):

- DEQ could verify that the sampling pool was limited to only tier 1 sample sites to ensure that the Flint WTP is in compliance with the LCR (Title 40, Part 141, section 86(a)(3) of the *Code of Federal Regulations* [*CFR*]).

- DEQ could independently verify the validity of sample site certifications.

Q2: What accountability measures are in place for ODWMA staff who fail to follow data verification protocols?

A: DEQ does not provide any direct oversight over the Flint WTP and, therefore, does not have any accountability measures over the Flint WTP's LCR data verification protocols. DEQ's data verification protocol for lead and copper water sampling is limited to verification that the WTP certifies samples submitted to the State-owned laboratories for analysis (see steps 7 and 12 in the Flint WTP LCR sampling process noted in Question 1 above). We did not identify any instances in which ODWMA staff failed to verify that submitted samples were certified by the Flint WTP.

Q3: What accountability measures are in place for ODWMA staff who lie or misrepresent information to the EPA?

A: As with all classified employees, ODWMA staff must adhere to the rules and regulations established by the Michigan Civil Service Commission. If any ODWMA staff were determined to misrepresent information to the EPA, they would be subject to Civil Service Rule 2-6, Discipline, which allows an appointing authority to discipline an employee for just cause up to and including dismissal. We are not aware of any DEQ-established measures that are in addition to the Civil Service Rules.

We gained access to the e-mail accounts of key DEQ management (DEQ Director, Deputy Director, ODWMA Chief, and other key ODWMA staff) extending back to January 1, 2013. We did so to identify the key decision points and conversations that occurred leading up to and through the situation in Flint. Our review was also intended to determine whether State, Flint, or other officials attempted to conceal key test results or other information.

We noted one e-mail exchange between DEQ and the EPA that appears to be a significant contributor to the concern that DEQ misrepresented information to the EPA. The EPA requested clarification on February 26, 2015 regarding the type of optimized corrosion control **treatment** the Flint WTP was using. DEQ responded on February 27, 2015 that the city had an optimized corrosion control **program** in place, but DEQ did not provide any program details. DEQ informed us that the Flint WTP corrosion control **program** included performing

lead and copper monitoring for two consecutive six-month periods to determine whether corrosion control **treatment** would be necessary in the future. However, it appears the EPA interpreted corrosion control **program** to mean that corrosion control **treatment** was being performed.

On April 23, 2015, the EPA again inquired as to what the Flint WTP was doing for corrosion control **treatment**. DEQ responded on April 24, 2015 that the Flint WTP was not practicing corrosion control **treatment**.

Based on our review of this and other e-mails, we have no specific reason to believe that DEQ willfully misrepresented the information to the EPA.

Q4: What policies do DEQ and ODWMA have in place to escalate major infractions up the chain of command?

A: We did not note any instances of major infractions (i.e., intentional disregard of policies, laws, regulations or specific directions) committed by DEQ staff during the course of our review. DEQ does not have a formal policy or procedure in place to escalate major infractions performed by ODWMA employees; however, our review of DEQ correspondence confirmed the escalation of key issues up the chain of command related to the Flint situation. DEQ stated that its informal policy is for staff to notify the proper level of management of infractions to determine necessary action.

Application of the LCR

Q1: How did the Flint WTP become the primary water supplier for the City of Flint?

A: Upon notification of the City of Flint's plans to switch to the Karegnondi Water Authority (KWA) in April 2013, the Detroit Water and Sewerage Department (DWSD) submitted a letter to the City of Flint stating that it would terminate its agreement to provide water services on April 17, 2014.

According to DEQ management, the Flint WTP attempted to negotiate with the DWSD to maintain it as the City of Flint water supplier; however, after negotiations were unsuccessful, the City of Flint notified DEQ through a permit request of its intent to operate the Flint WTP full time using the Flint River. Although the Flint City Council voted in March 2013 in support of moving to the KWA pipeline, the vote was silent on the use of the Flint River as a temporary drinking water source.

DEQ informed us that in the 1990s, the City of Flint upgraded the Flint WTP to serve as a backup source of water for emergencies. In 2006, the Flint WTP began quarterly testing of the treated Flint River water at the Flint WTP to ensure water quality standards were met; however, the Flint WTP did not test the water's effect on the distribution system at consumer tap locations.

Q2. Did DEQ consult with the EPA prior to determining how to apply the LCR?

A: DEQ did not consult with the EPA on how to apply the LCR prior to implementing two consecutive six-month monitoring periods of the Flint WTP beginning July 1, 2014. Based on past experiences applying the LCR monitoring requirements, DEQ believed that it had appropriately applied the LCR requirements of a large water system.

Q3: When Flint switched to the Flint River water source, should corrosion control treatment have been maintained?

A: We believe that corrosion control treatment should have been maintained.

According to the LCR, a water system can achieve optimized corrosion control if it submits results of tap water monitoring for two consecutive six-month monitoring periods with acceptable lead levels. However, a water system that has optimized corrosion control, and which has treatment in place, should continue to operate and maintain optimal corrosion control treatment.

DEQ staff explained that they did not treat the switch to Flint River water as a new system, but as a new source. DEQ further stated that because the Flint River was a new water source and there was a change in chemicals needed to treat the new source, a corrosion control study was needed to determine the impact on the water distribution system. Therefore, it was DEQ's interpretation that two rounds of six-month monitoring were still needed to evaluate the water quality and determine optimal corrosion control treatment.

The Flint water system had optimal corrosion control treatment when the DWSD WTP was the water supplier. Based on our review of notes from a July 21, 2015 EPA and DEQ conference call on DEQ's implementation of the LCR regarding whether the Flint WTP should have continued to maintain corrosion control treatment, it appeared that the EPA did not agree with DEQ's interpretation of the LCR. Region 5 EPA staff explained that they would talk to the EPA headquarters about the interpretation of regulations and believes that systems that have been deemed optimized need to "maintain" corrosion control. The Region agreed to provide supporting regulatory citations for the language about maintaining corrosion control.

On November 3, 2015, the EPA issued a memorandum stating that the LCR had differing possible interpretations; however, the EPA concluded that it is important for large water systems to take the steps necessary to ensure that appropriate corrosion control treatment is maintained at all times, thus ensuring that public health is protected. Based on this clarification, it appears that corrosion control treatment should have been maintained.

Q4: Should DEQ have required the Flint WTP to start pursuing optimized corrosion control treatment after the first round of six-month sampling results were above the lead action level of 5 parts per billion (ppb)?

A: Yes. According to DEQ's application of the LCR, within six months after the end of the monitoring period in which the water sample results exceeded the acceptable lead level, DEQ should have required the Flint WTP to start pursuing optimized corrosion control treatment.

The LCR states that the lead action level is exceeded if the lead level, as determined by the 90th percentile calculation, is greater than 15 ppb. If the lead action level is exceeded, water systems are required to take additional actions including educating the public about lead in drinking water as well as commencing lead service line replacement if the water system has already installed corrosion control and/or source water treatment. However, for water systems that have not yet implemented corrosion control treatment, they can be deemed to have optimized corrosion control without installing treatment if they can demonstrate lead levels below 5 ppb for two consecutive six-month periods.

The first round of six-month sampling results was received in late March 2015. Because the results were 1 ppb over the lead action level of 5 ppb, DEQ would not be able to achieve two consecutive six-month periods below 5 ppb. Therefore, DEQ should have notified the Flint WTP to start pursuing optimized corrosion control treatment. However, DEQ waited until the second round of sampling was completed (June 30, 2015) to assess whether water sample results improved.

Water Samples

Q5: Did DEQ verify that only tier 1 sample sites were selected by the Flint WTP in the two rounds of six-month samples?

A: DEQ did not verify that only tier 1 sample sites were selected. DEQ relies on the Flint WTP's certification of sample sites and does not perform any independent verification of those certifications.

In a November 19, 2015 *Flint Journal* article, the Flint WTP indicated that it did not have the ability to ensure that all sites were tier 1. In fact, water samples came from the random distribution of 175 testing bottles without regard for whether the homes were at risk for high lead levels. DEQ issued a formal memorandum on November 9, 2015 requesting that the Flint WTP verify the classification of all prior sample items. The results are due back from the Flint WTP on December 30, 2015.

Q6: DEQ dropped two water sampling sites from its second six-month sample (January 1, 2015 through June 30, 2015). Was this appropriate?

A: Yes, it was appropriate for DEQ to drop these two water sampling sites. Federal regulation 40 *CFR* 141.86(a) states:

> ". . . each water system shall complete a materials evaluation of its distribution system in order to identify a pool of targeted sampling sites that meets the requirements of this section . . . All sites from which first draw samples are collected shall be selected from this pool . . . Sampling sites may not include faucets that have point-of-use or point-of-entry treatment devices designed to remove inorganic contaminants."

This regulation also requires that a water system's targeted sampling pool consist of only tier 1 sampling sites if an adequate number is available to meet monitoring requirements.

According to federal regulation 40 *CFR* 141.86(f), the State may invalidate a water sample if it determines that the sample was taken from a site that did not meet the site selection criteria. A sample invalidated per this regulation does not count toward determining lead or copper 90th percentile levels or toward meeting the minimum monitoring requirements.

DEQ dropped one water sample site from its 90th percentile calculations because the site was from a business that does not meet the tier 1 requirements of being a single-family or multiple-family residence. The second sample site was dropped because the home had a point-of-entry treatment device to filter contaminants. Based on the criteria specified above, it appears that DEQ's rationale for dropping the samples from these two sites appropriately met the requirements for invalidating samples per federal regulation 40 *CFR* 141.86.

Q7: Was flushing of the taps the night before drawing a sample an appropriate sample methodology?

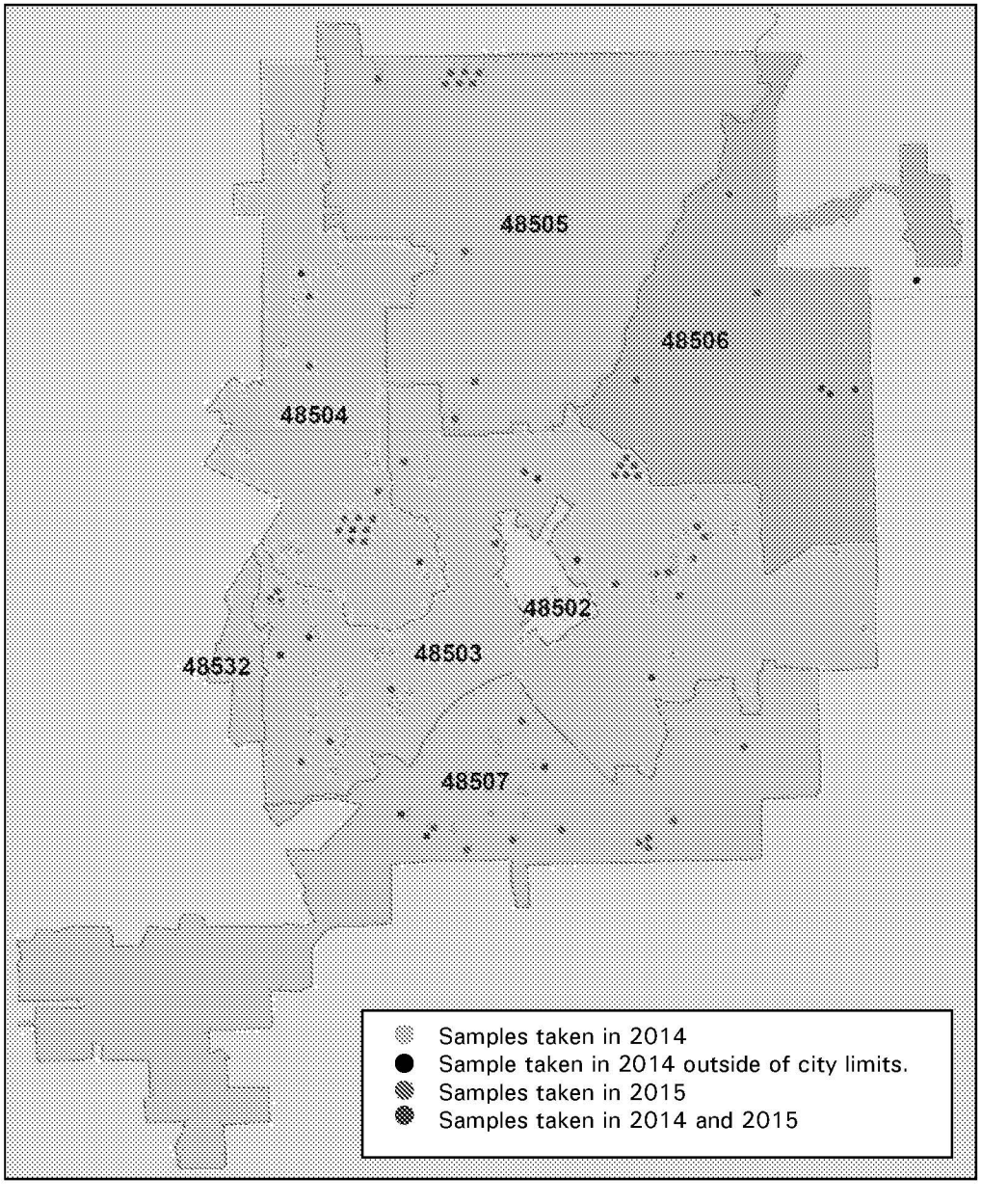
A: Yes. The LCR requires that samples be a first draw of water after six hours of stagnation. The LCR does not indicate whether or not the water line should be flushed prior to collecting the sample. In the sample instructions, DEQ required preflushing to ensure that sampled faucets were not stagnant for an excessive period of time beyond the targeted six hours (e.g., rarely used faucets or when a homeowner has been gone for an extended period of time.)

The LCR requires six hours of stagnation; however, it does not preclude DEQ from instructing residents to flush prior to stagnation.

Flint WTP 2014 and 2015 Sample Locations (Exhibit #1)

In calendar year 1992, the Flint WTP established a tier 1 sample site pool for LCR monitoring. With the change to the Flint River water, the Flint WTP needed to increase the pool of sample locations because of additional sampling requirements. The following exhibit documents the 2014 and 2015 sample locations for LCR monitoring. Based on the data obtained during our review, we could not determine how the locations were selected or whether they were properly classified as tier 1 sample sites.

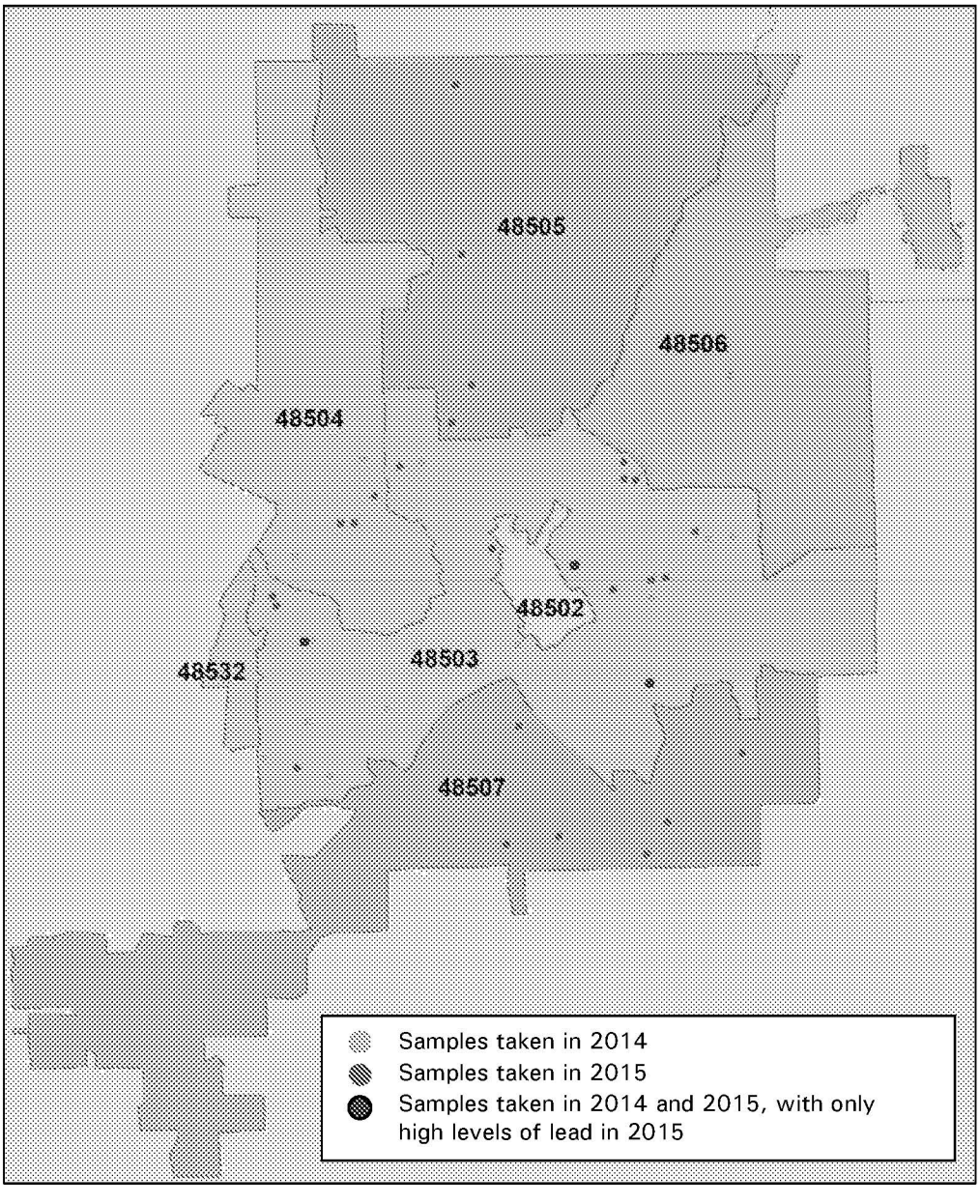
As noted in Question 5 of the additional questions answered by the OAG, DEQ has requested the Flint WTP to verify the tier 1 classification of all prior sample items.



Source: The OAG prepared this map using data obtained from DEQ and ©OpenStreetMap contributors (opendatacommons.org). The sample locations are approximate.

Flint WTP 2014 and 2015 Sample Locations With Lead Counts of 5 Parts Per Billion or Higher (Exhibit #2)

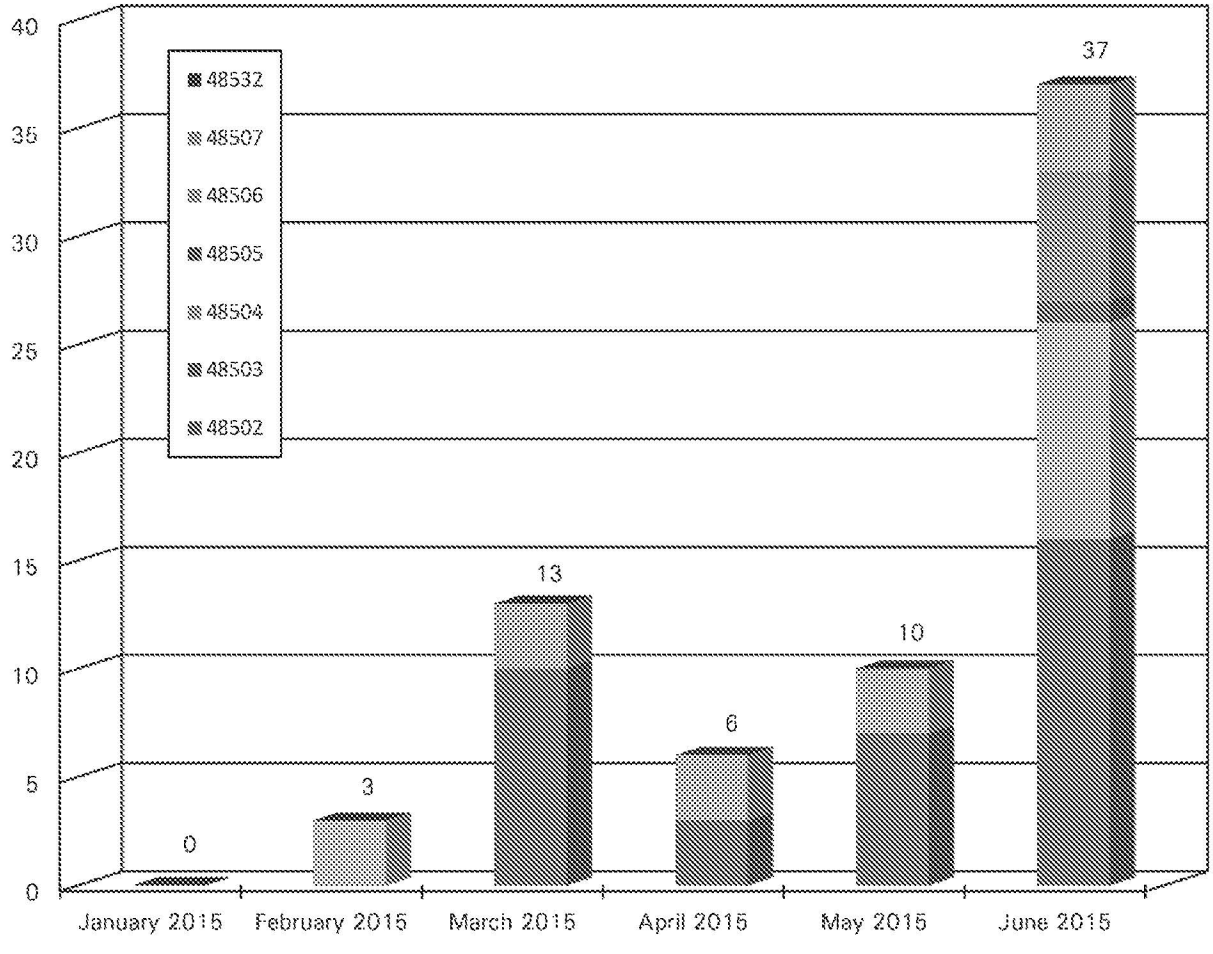
This exhibit documents the 2014 and 2015 sample locations with lead counts of 5 ppb or higher. This information is used in aggregate by DEQ to determine if the city has optimized lead levels.



Source: The OAG prepared this map using data obtained from DEQ and ©OpenStreetMap contributors (opendatacommons.org). The sample locations are approximate.

Flint WTP 2015 Number of Samples by Time Period and Zip Code (Exhibit #3)

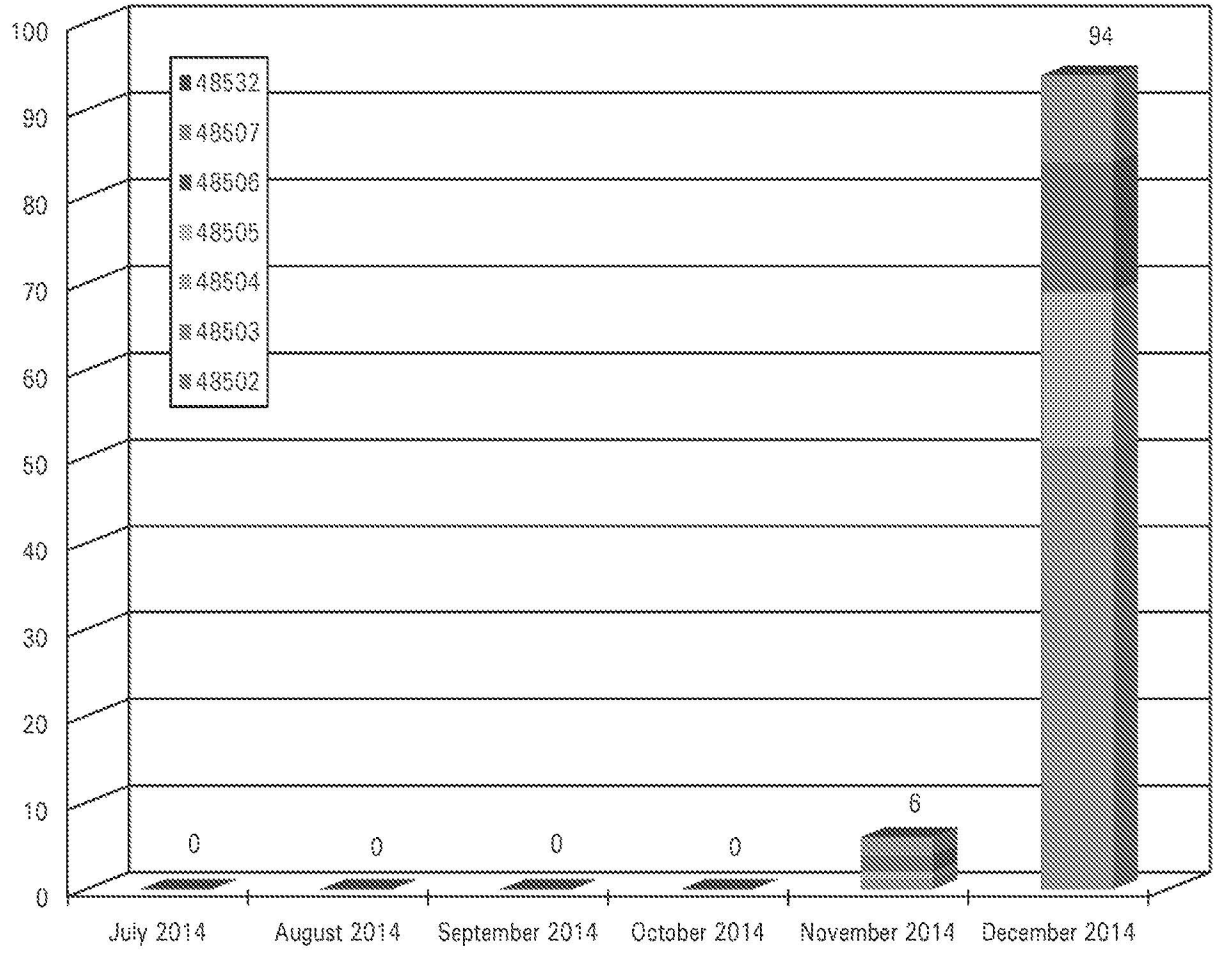
This chart expands on Exhibit #1 to show a summary by zip code and time of selection within the sampling period. Based on the data obtained during our review, we could not determine if the lateness of selection within the monitoring period affected the appropriateness of the sample items.



Source: The OAG prepared this chart using data obtained from DEQ.

Flint WTP 2014 Number of Samples by Time Period and Zip Code (Exhibit #4)

This chart expands on Exhibit #1 to show a summary by zip code and time of selection within the sampling period. Based on the data obtained during our review, we could not determine if the lateness of selection within the monitoring period affected the appropriateness of the sample items.



Source: The OAG prepared this chart using data obtained from DEQ.

March 2013
Flint City Council voted 7-1 to join Karegnondi Water Authority (KWA).

April 16, 2013
City of Flint emergency manager Ed Kurtz signs agreement to switch from Detroit Water and Sewerage Department (DWSD) water source to KWA.

April 17, 2013
DWSD said it will stop selling water to the City of Flint in April 2014.

July 2014
DEQ begins the first six-month Flint lead/copper monitoring period.

Mid-March 2014
City of Flint decides to use the Flint River as a water source.

April 25, 2014
City of Flint switches to Flint River water.

January 1, 2015
DEQ begins the second six-month Flint lead/copper monitoring period.

January 12, 2015
DWSD offers the City of Flint a waiver of the $4 million reconnection fee to switch back to Detroit water.

January 29, 2015
City of Flint emergency manager Jerry Ambrose declines DWSD water source reconnection.

February 3, 2015
Governor Snyder awards the City of Flint $2 million to find leaks and replace wastewater incinerator.

February 26, 2015
The EPA discusses a resident's water sample testing results with DEQ (high levels of lead found in water).

February 27, 2015
DEQ responded to the EPA saying that the Flint WTP has an optimized corrosion control program.

March 30, 2015
DEQ notifies the Flint WTP of the first six-month lead/copper monitoring period.

April 24, 2015
DEQ indicates no corrosion control (orthophosphate) chemical in place (treatment).

May 28, 2015
Sample results from the residence noted with high levels on February 26, 2015 show lead levels look good after a new copper service line installation.

July 21, 2015
The EPA and DEQ hold conference call on DEQ's implementation of the Lead and Copper Rule (LCR) and Flint issues.

August 17, 2015
DEQ notifies the Flint WTP of the second six-month lead/copper monitoring results.

August 23, 2015
Virginia Tech researcher notifies DEQ that he will begin a study of the City of Flint water quality.

September 2, 2015
Virginia Tech researcher claims that the corrosiveness of the Flint water is causing lead to leach into residents' water.

September 24, 2015
Hurley Medical Center study issued showing high blood lead levels in City of Flint children.

October 1, 2015
- Michigan Department of Health and Human Services confirms results of Hurley Medical Center study.
- City of Flint urges residents to not drink water.

October 8, 2015
City of Flint develops plan to reconnect to DWSD.

October 16, 2015
City of Flint reconnects to DWSD.

October 19, 2015
DEQ Director Dan Wyant states: ". . . staff made a mistake while working with the city of Flint. Simply stated, staff employed a federal [corrosion control] protocol they believed was appropriate, and it was not."

November 3, 2015
The EPA indicates differing possible interpretations of the LCR with respect to how the LCR's optimal corrosion control treatment procedures apply to this situation (new water source/new water treatment).

2013 | 2014 | 2015

Source: The OAG prepared this time line using data (e-mails, meeting notes, and letters) obtained from DEQ, newspaper and press release articles, the Flintwaterstudy.org, and the Hurley Medical Center survey results.

From: Egan, Paul <pegan@freepress.com>
Sent: Tuesday, December 29, 2015 4:00 PM
To: Murray, David (GOV)
Subject: RE: Question about the story

Thanks Dave I can tweak that graf or add line from auditor general's report, but there was a lot more to it than dropping two samples. DEQ official sent Flint an emails saying so far Flint is over the AL and I hope you can send me samples below AL. Also DEQ didn't scrutinize or drop other samples that didn't meet the criteria. So I will take another look at that graf but overall I don't think what it says is inaccurate.
Paul

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, December 29, 2015 3:56 PM
To: Egan, Paul <pegan@freepress.com>
Subject: Question about the story

Hi Paul,

I saw this line in your story:

The Free Press reported Thursday that records obtained by the Michigan ACLU and Virginia Tech researcher Marc Ewards show elevated lead levels in Flint's drinking water would have spurred action months sooner if the results of city testing that wrapped up in June had not been revised by the DEQ to wrongly indicate the water was safe to drink.

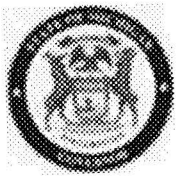
I was wondering if that aspect was addressed in the OAG letter yesterday. I don't think anyone at the Freep wrote about that letter. That issue is discussed in depth on page 6, and the OAG said it was "appropriate" for the DEQ to drop the two water sampling sites.

I've attached the letter to this email so you have the opportunity to give it a quick read. Let me know if we are talking about two different things.

Thanks!

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray



From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 4:03 PM
To: Holland, Meegan (GOV)
Subject: FW: Question about the story

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Egan, Paul [mailto:pegan@freepress.com]
Sent: Tuesday, December 29, 2015 4:00 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
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Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
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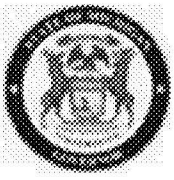
Twitter:@michigandmurray



From: Holland, Meegan (GOV)
Sent: Tuesday, December 29, 2015 4:07 PM
To: Murray, David (GOV)
Subject: RE: Question about the story

The quote can be interpreted a few ways, and unfortunately the interpretation cited by Paul isn't favorable. I interpreted it to mean "I hope it's below AL" but I can see how others would interpret otherwise.

From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 4:03 PM
To: Holland, Meegan (GOV) <HollandM2@michigan.gov>
Subject: FW: Question about the story

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Egan, Paul [mailto:pegan@freepress.com]
Sent: Tuesday, December 29, 2015 4:00 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
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Dave

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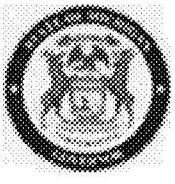

From: Conaway, Laura (NBCUniversal) <Laura.Conaway@nbcuni.com>
Sent: Tuesday, December 29, 2015 4:20 PM
To: Murray, David (GOV)
Subject: Query on deadline from the Rachel Maddow Show

Hi, Dave.

I saw the news today about the MDEQ director and the governor's statement. I've got a few questions, please.

-In apologizing for what has happened, is Governor Snyder taking responsibility for what happened in Flint?

-What assistance is the Governor prepared to offer the city of Flint?

-Are there more resignations to come, regarding the situation with Flint water?

-Has the governor decided whether to sign the declaration of emergency from Flint, in the event that he receives it?

-When did the governor become aware that Flint's water showed elevated levels of lead?

-When did the governor become aware that the state's handling of the situation was being questioned?

Thank you, as always, for the help.

Sincerely,

Laura Conaway

From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 4:33 PM
To: 'Burr, Richard'
Subject: RE: Hey, what were the "initial findings" of the Flint Water Task Force?

Hi Richard,

I think the Flint Water Task Force is releasing its letter to the Governor, and it will cover that ground. Do you have the contact information for Chris DeWitt?

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Burr, Richard [mailto:RBurr@detroitnews.com]
Sent: Tuesday, December 29, 2015 3:23 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>
Cc: Lynch, James <jLynch@detroitnews.com>
Subject: Hey, what were the "initial findings" of the Flint Water Task Force?

The press release doesn't say. It would help explain why Dan Wyant resigned.

Richard Burr
Politics and Government Editor
The Detroit News
160 W. Fort St.
Detroit, MI 48226
(313) 222-2294
rburr@detroitnews.com

From: Chris DeWitt <chris@dewitt-communications.com>
Sent: Tuesday, December 29, 2015 4:36 PM
To: Murray, David (GOV); hollandm2@michigan.org; Hollins, Harvey (GOV)
Subject: Fw: FWATF letter to Governor Snyder
Attachments: FWATF-Snyder Letter 12-29-15.pdf

FYI

Chris De Witt
De Witt Communications
P.O. Box 4952
East Lansing, MI 48826
517-339-1700 office
[redacted] cell

From: Chris DeWitt
Sent: Tuesday, December 29, 2015 4:13 PM
Subject: FWATF letter to Governor Snyder

December 29, 2015

Contact: Chris De Witt

[redacted]

FWATF Finds MDEQ Primarily Responsible For Flint Water Crisis

Lansing, MI—The Flint Water Advisory Task Force today released a letter sent to Governor Rick Snyder advising him of the Task Force's finding that the Michigan Department of Environmental Quality is primarily responsible for failing to ensure safe drinking water in Flint and must be held accountable. A copy of the letter is attached.

The FWATF letter stated in part:

"We believe the primary responsibility for what happened in Flint rests with the Michigan Department of Environmental Quality (MDEQ). Although many individuals and entities at state and local levels contributed to creating and prolonging the problem, MDEQ is the government agency that has responsibility to ensure safe drinking water in Michigan. It failed in that responsibility and must be held accountable for that failure."

"…we believe that establishing responsibility is a critical and urgent need, and one that should not wait for our final report in 2016. Individuals and agencies responsible must be held accountable in a timely fashion."

"The City of Flint's water customers—fellow Michigan citizens—were needlessly and tragically exposed to toxic levels of lead through their drinking water supply. They deserve a commitment to properly assess responsibility and ensure accountability. They also deserve a commitment to needed mitigation in both the short and long term. The Flint water crisis never should have happened. Having failed to prevent it, state government should coordinate a sustained, public-health-focused response to remedy, to the fullest extent possible, the impacts on the Flint community."

The letter outlined three areas where MDEQ failed:

- Regulatory Failure
- Failure in Substance and Tone of MDEQ Response to the Public
- Failure in MDEQ Interpretation of the Lead and Copper Rule

"Flint residents were exposed to toxic levels of lead in their water primarily due to a regulatory culture of passive technical compliance that is simply insufficient to the task of public protection," FWATF Co-Chair Ken Sikkema said. "We also believe that the dismissive and disrespectful tone of much of the MDEQ's response to public concerns is unacceptable."

"The failure to protect the public will have lifelong consequences." FWATF Co-Chair Chris Kolb said. "It will be important going forward for long term support to be provided to Flint residents unnecessarily hurt by using City water."

"We believe that as the Great Lakes State, Michigan should aspire to have the safest drinking water in the nation, rather than merely aiming for technical compliance with regulatory requirements," Kolb and Sikkema added. "Our final report will make recommendations that will help make this aspiration a reality."

This is the second letter sent by the Task Force. The first, sent earlier this month, made several recommendations concerning coordination of state efforts that were supported and implemented by Governor Snyder.

The full FWATF report is expected to be completed in early 2016.

Members of the Task Force include:

Matthew Davis, M.D., M.A.P.P., is professor of pediatrics and internal medicine at the University of Michigan Health System and professor of public policy at the Gerald R. Ford School at the University of Michigan, having joined the faculty in 2000. Davis also is a professor of health management and policy at the School of Public Health. He previously served as the chief medical executive of the Michigan Department of Community Health/Department of Health and Human Services.

Chris Kolb is president of the Michigan Environmental Council, a statewide coalition of 70 environmental, public health and faith-based nonprofit groups. Before joining the MEC, Kolb represented Ann Arbor in the state House for six years and served six years on the Ann Arbor City Council. He has been president of the MEC for six years.

Lawrence Reynolds, M.D., is a pediatrician in Flint who serves as president of the Mott Children's Health Center. He received his medical degree from Howard University College of Medicine and has been in practice for 36 years. He has served as president of the Genesee County Medical Society and the Michigan Chapter of the American Academy of Pediatrics. He has been honored for his humanitarian and advocacy efforts on behalf of children from the Community Foundation of Greater Flint.

Eric Rothstein is a national water issues consultant and principal at the Galardi Rothstein Group. He served as an independent advisor on the creation of the Great Lakes Water Authority. Rothstein also has served as Jefferson County, Alabama's rate consultant and municipal adviser for litigation related to the county's bankruptcy and issuance of $1.7 billion in sewer warrants and led strategic financial planning for the City of Atlanta's Department of Watershed Management. He has more than 30 years of experience in water, wastewater and stormwater utility finance and rate-making assessments.

Ken Sikkema is a senior policy fellow at Public Sector Consultants, where he specializes in public finance, environment, and energy policy. Prior to joining the firm, Sikkema served in both the Michigan House and Senate, culminating with four years as Senate majority leader. He has also served as both an adjunct and visiting professor at Grand Valley State University.

The FWATF was formed by Governor Snyder to review actions regarding the Flint water system and offer recommendations both for Flint and Michigan to protect the health and safety of state residents.

Chris De Witt
De Witt Communications
P.O. Box 4952
East Lansing, MI 48826
517-339-1700 office
[redacted] cell

December 29, 2015

Dear Governor Snyder:

The Flint Water Advisory Task Force, which you appointed on October 21, 2015, has devoted considerable effort and countless hours to our review of the contamination of the Flint water supply: what happened, why it occurred, and what is needed to prevent a recurrence in Flint or elsewhere in the state. We have also been assessing ongoing mitigation efforts to help assure that short- and long-term public health issues and water management concerns will be properly addressed to safeguard the health and well being of the Flint community.

Shortly after we began our work, we recognized the immediate need for better coordination of the state's response to the ongoing public health issues in Flint, and for assignment of a single person to provide this coordination. We addressed these concerns in a letter to you on December 7, 2015, and you responded with immediate adoption of these recommendations. We thank you for the commitment your response demonstrates.

In our continuing efforts, we have now interviewed numerous individuals at state and local levels; reviewed many documents, articles, and emails; and deliberated repeatedly as a group. Both individually and as a group, we have visited Flint several times during the past several weeks to meet with citizens, public health officials and healthcare providers, individuals who have water management responsibilities at the city and county levels, and other public officials.

It is clear to us, particularly as we listen to the people of Flint, that it is both critical and urgent to establish responsibility for what happened in their community and to ensure accountability. This is a first step in a long process to re-establish the trust they no longer have in their government and the agencies whose responsibility it is to protect their health. It is urgent because this deep distrust of government continues to compromise the effective delivery of protective services designed to address ongoing public health issues. It is for these reasons that we are sending this letter at this time.

We believe the primary responsibility for what happened in Flint rests with the Michigan Department of Environmental Quality (MDEQ). Although many individuals and entities at state and local levels contributed to creating and prolonging the problem, MDEQ is the government agency that has responsibility to ensure safe drinking water in Michigan. It failed in that responsibility and must be held accountable for that failure.

The Safe Drinking Water Act (SDWA) places responsibility for compliance with its requirements on the public water system. In this instance, the City of Flint had the responsibility to operate its water system within SDWA requirements, under the jurisdiction of the MDEQ. The role of the MDEQ is to **ensure** compliance with the SDWA through its regulatory oversight as the primary agency having enforcement responsibility for the Flint water system.

The MDEQ failed in three fundamental ways.

Regulatory Failure

We believe that in the Office of Drinking Water and Municipal Assistance (ODWMA) at MDEQ, a culture exists in which "technical compliance" is considered sufficient to ensure safe drinking water in Michigan.

This minimalist approach to regulatory and oversight responsibility is unacceptable and simply insufficient to the task of public protection. It led to MDEQ's failure to recognize a number of indications that switching the water source in Flint would—and did—compromise both water safety and water quality. The MDEQ made a number of decisions that were, and continue to be, justified on the basis that federal rules "allowed" those decisions to be made. ODWMA must adopt a posture that is driven not by this minimalist technical compliance approach, but rather by one that is founded on *what needs to be done to assure drinking water safety.*

A culture change must occur within ODWMA. It must be driven by a mission that is aspirational regarding the role of the MDEQ in ensuring the safety and the quality of Michigan's drinking water. We believe, and have expressed to MDEQ Director Dan Wyant, that as a Great Lakes State, Michigan should aspire to have the safest drinking water in the nation, rather than merely aiming for technical compliance with regulatory requirements.

Failure in Substance and Tone of MDEQ Response to the Public

Throughout 2015, as the public raised concerns and as independent studies and testing were conducted and brought to the attention of MDEQ, the agency's response was often one of aggressive dismissal, belittlement, and attempts to discredit these efforts and the individuals involved. We find both the tone and substance of many MDEQ public statements to be completely unacceptable. In a real way, the MDEQ represents the public, including the very individuals it treated dismissively and disrespectfully in public statements. We recognize that the agency might disagree with the opinions of others on a variety of issues, including testing protocol, interpretation of testing results, the requirements of federal law and rules, and other matters. What is disturbing about MDEQ's responses, however, is their persistent tone of scorn and derision. In fact, the MDEQ seems to have been more determined to discredit the work of others—who ultimately proved to be right—than to pursue its own oversight responsibility.

Failure in MDEQ Interpretation of the Lead and Copper Rule

The federal Lead and Copper Rule (LCR) is central to what happened in Flint, because that rule, at least theoretically, is designed to prevent lead and copper contamination of drinking water. The federal LCR calls for "optimized corrosion control treatment," which the MDEQ did not require in the switch to the Flint River. Prior to the switch, MDEQ staff instructed City of Flint water treatment staff that corrosion control treatment (CCT) was not necessary until two six-month monitoring periods had been conducted. The need for CCT would be evaluated after the results from those two monitoring periods were reviewed. The decision not to require CCT, made at the direction of the MDEQ, led directly to the contamination of the Flint water system.

The MDEQ seems to have taken different positions on whether it faithfully followed the LCR in the Flint situation. It first maintained that it followed the LCR, then stated that it did not follow the rule properly, and most recently claimed that a federal memorandum issued by the US EPA in early November 2015 suggests that the original MDEQ interpretation was possibly correct.

We are not convinced. Even the MDEQ's latest interpretation of the US EPA's November memorandum is overly legalistic and misunderstands the intent of the LCR, which is to minimize risks of lead and copper exposure for human health.

We believe ODWMA's single-minded legalistic focus is the heart of the problem, and it is part of the "technical compliance" culture described above. ODWMA should not be basing its actions solely on a

legally possible interpretation of the LCR. It should be focusing on how to protect Michigan's citizens from lead in drinking water.

We met with MDEQ Director Wyant on December 16, 2015, to discuss these issues, as well as many others. We note his substantial agreement with many of our conclusions, particularly as it relates to the regulatory failure and the abysmal public response of his agency. It is our understanding that he has drawn similar conclusions in his own evaluation of the MDEQ's role in the Flint water crisis. At the same time, it was disappointing to hear his weak defense of the CCT decision based on the EPA's November 2015 memorandum.

We are not finished with our work. Other individuals and entities made poor decisions, contributing to and prolonging the contamination of the drinking water supply in Flint. As an example, we are particularly concerned by recent revelations of MDHHS's apparent early knowledge of, yet silence about, elevated blood lead levels detected among Flint's children. We also feel it important to further review local government decision processes under emergency management. Our final report will highlight and discuss those concerns, among many others, to provide some context to a comprehensive series of recommendations. **As stated earlier in this letter, however, we believe that establishing responsibility is a critical and urgent need, and one that should not wait for our final report in 2016. Individuals and agencies responsible must be held accountable in a timely fashion.**

It is our hope that the heightened awareness of the dangers of lead poisoning can be an opportunity to make Michigan safer, particularly for its children. Drinking water must be recognized as a potential source of health risk exposure when water lines and fixtures containing lead are disturbed or compromised. Proper testing, not only in high-risk areas but also in facilities serving children (e.g., schools), must be considered. Facilitating long-term financing of a model public health program, and also replacement of lead-containing water service lines and fixtures, would enable Michigan to realize a positive lasting legacy from the tragedy of the Flint water crisis. Our final report will address some of these issues.

The City of Flint's water customers—fellow Michigan citizens—were needlessly and tragically exposed to toxic levels of lead through their drinking water supply. They deserve a commitment to properly assess responsibility and ensure accountability. They also deserve a commitment to needed mitigation in both the short and long term. The Flint water crisis never should have happened. Having failed to prevent it, state government should coordinate a sustained, public-health-focused response to remedy, to the fullest extent possible, the impacts on the Flint community.

Respectfully yours,

Flint Water Advisory Task Force:

Matt Davis
Chris Kolb
Larry Reynolds
Eric Rothstein
Ken Sikkema

From: Egan, Paul <pegan@freepress.com>
Sent: Tuesday, December 29, 2015 4:55 PM
To: Murray, David (GOV)
Subject: Flint

Dave I spoke to Melissa Mays in Flint. She welcomes the steps announced today but feels they don't go far enough. She asks why Gov has not endorsed state of emergency call to help secure federal funds. Can you answer that?
Paul

Sent from my iPhone

From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 4:58 PM
To: 'Egan, Paul'
Subject: RE: Flint

No formal request has been made to the state at this point. We are committed to working with Mayor Weaver and Genesee County leaders. Members of the Michigan State Police Emergency Management Division recently met with the mayor and Genesee County Commission leaders to discuss potential avenues for federal aid, and the governor spoke to the mayor last week.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder MurrayD1@michigan.gov 517-335-6397, office [redacted] mobile Twitter:@michigandmurray

-----Original Message-----
From: Egan, Paul [mailto:pegan@freepress.com]
Sent: Tuesday, December 29, 2015 4:55 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Flint

Dave I spoke to Melissa Mays in Flint. She welcomes the steps announced today but feels they don't go far enough. She asks why Gov has not endorsed state of emergency call to help secure federal funds. Can you answer that?
Paul

Sent from my iPhone

From: Egan, Paul <pegan@freepress.com>
Sent: Tuesday, December 29, 2015 4:59 PM
To: Murray, David (GOV)
Subject: Re: Flint

Thanks

Sent from my iPhone

> On Dec 29, 2015, at 4:58 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
>
> No formal request has been made to the state at this point. We are committed to working with Mayor Weaver and Genesee County leaders. Members of the Michigan State Police Emergency Management Division recently met with the mayor and Genesee County Commission leaders to discuss potential avenues for federal aid, and the governor spoke to the mayor last week.
>
> Dave Murray
> Press Secretary | Executive Office of Governor Rick Snyder
> MurrayD1@michigan.gov 517-335-6397, office [redacted] mobile
> Twitter:@michigandmurray
>
>
>
>
> -----Original Message-----
> From: Egan, Paul [mailto:pegan@freepress.com]
> Sent: Tuesday, December 29, 2015 4:55 PM
> To: Murray, David (GOV) <MurrayD1@michigan.gov>
> Subject: Flint
>
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>
> Sent from my iPhone

From: Murray, David (GOV)
Sent: Tuesday, December 29, 2015 5:34 PM
To: 'Ryan Rifai'
Subject: RE: Al Jazeera request for comments on water crisis
Attachments: PR.151229.FlintStatement.docx

Ryan, I wanted to make sure you had our statement from this afternoon.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Ryan Rifai [[redacted]]
Sent: Tuesday, December 29, 2015 11:53 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Al Jazeera request for comments on water crisis

Dear Dave Murrary,

I am a journalist for Al Jazeera, the media organisation based in Qatar.

I am writing a story about Flint's water crisis. It will be featured on www.aljazeera.com

Here are some questions I have that I hope you could help answer, please help with whatever you can:

What is the state of Michigan doing to help solve Flint and Detroit's water crises?

Why were water rates increased in 2014 in Detroit to the extent that many residents in the city and in Flint could not afford it?

If that was not the main problem, what was and who would you pin the most blame on for the crises?

How would you answer to accusations that the Michigan state's administration ignored warnings of unsafe drinking and cooking water in Flint?

Thank you for your help!

Sincerely,

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Dave Murray, Laura Biehl or Anna Heaton 517-335-6397	Tuesday, Dec. 29, 2015

Gov. Rick Snyder takes action on initial findings from Flint Water Task Force

Changes to take place at DEQ, meeting planned with Mayor Karen Weaver

In response to initial findings from the Flint Water Task Force, Gov. Rick Snyder today issued the following statement:

"When I became aware that the city of Flint's water showed elevated lead levels and that the state's handling of the situation was being questioned, I requested funding to switch the source back to the Great Lakes Water Authority and appointed an independent task force to identify possible missteps and areas for improvement.

"The task force has done an exceptional job, reviewing stacks of documents and interviewing scores of Flint, Genesee County, state and federal officials. Although the task force's final report is not yet completed, members have made me aware of some interim findings and corrective steps that I have decided to take immediately in order to restore trust in how the state keeps its citizens safe and informed.

"We'll continue to work with the community members to make sure we hear and respond to their concerns.

"In addition, MDEQ Director Dan Wyant has offered his resignation, and I've determined that it's appropriate to accept it. I'm also making other personnel changes at MDEQ to address problems cited by the task force.

"But changes in leadership and staff are not enough. I understand there can be disagreements within the scientific community. That is why I have directed both the departments of Environmental Quality and Health and Human Services to invite every external scientist who has worked on this issue to be our partners in helping us improve Flint water. Let's share research on water and blood lead level testing so we can arrive at accurate and mutually supported conclusions. Together, we should work to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're taking steps to protect their health over the short and long term.

"I want the Flint community to know how very sorry I am that this has happened. And I want all Michigan citizens to know that we will learn from this experience, because Flint is not the only city that has an aging infrastructure.

“I know many Flint citizens are angry and want more than an apology. That’s why I’m taking the actions today to ensure a culture of openness and trust. We’ve already allocated $10 million to test the water, distribute water filters, and help in other ways. Last week, I called Flint Mayor Karen Weaver, and we’re going to meet soon to discuss other ways the state can offer assistance.

“These are only initial steps - we fully expect to take more actions following the recommendations of our task force. When it comes to matters of health and quality of life, we’re committed to doing everything we can to protect the well-being of our citizens.”

# # #

From: Ryan Rifai <[redacted]>
Sent: Tuesday, December 29, 2015 5:35 PM
To: Murray, David (GOV)
Subject: RE: Al Jazeera request for comments on water crisis

Hey David I got it...sorry for not telling u...thank you !

On Dec 29, 2015 16:34, "Murray, David (GOV)" <MurrayD1@michigan.gov> wrote:

Ryan, I wanted to make sure you had our statement from this afternoon.

Dave

Dave Murray

Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

[redacted] mobile

Twitter:@michigandmurray

From: Ryan Rifai [mailto:[redacted]]
Sent: Tuesday, December 29, 2015 11:53 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Al Jazeera request for comments on water crisis

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I am writing a story about Flint's water crisis. It will be featured on www.aljazeera.com

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How would you answer to accusations that the Michigan state's administration ignored warnings of unsafe drinking and cooking water in Flint?

Thank you for your help!

Sincerely,

Ryan Rifai

From: Dave Bondy <dbondy@sbgtv.com>
Sent: Tuesday, December 29, 2015 8:45 PM
To: Murray, David (GOV)
Subject: RE: Resignation of PR person

Sorry, I thought I had a watermark on my email.
I am with WEYI TV in Flint, Michigan.
We talked to Mr. Wurfel tonight and he confirmed he has resigned.

-----Original Message-----
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Tuesday, December 29, 2015 8:44 PM
To: Dave Bondy
Subject: Re: Resignation of PR person

Hello Dave,

Pardon me for not recognizing the name. Which outlet are you with?

Dave

Sent from my iPhone

On Dec 29, 2015, at 6:36 PM, Dave Bondy <dbondy@sbgtv.com<mailto:dbondy@sbgtv.com>> wrote:

I have been told that Brad Wurfel resigned as head of PR for MDEQ.. Is this accurate?

Dave Bondy

From: Andrew Moore <[redacted]>
Sent: Wednesday, December 30, 2015 12:28 AM
To: Murray, David (GOV)
Subject: From Drew @ NBC 25

:Hi Dave.. So Wyant and Wuerfel resigned today. Leaving a big hole in the Flint water crisis to answer questions about what happened. At this point there's little doubt there were mistakes made. And once the 'After Action' report comes out it will probably be worse.

So I'm just throwing this out there but someone will need to answer questions. There are few people who know the story better then I do. What would it take to be considered for the PIO job at DEQ? I know that it would be basically career suicide.

I have a lot to offer and am just throwing it our there.

Just looking for your thoughts.

Drew

C: [redacted]

From: Murray, David (GOV)
Sent: Wednesday, December 30, 2015 10:08 AM
To: 'Netto, Joseph'
Subject: RE: Flint water
Attachments: PR.151229.FlintStatement.docx

Jim,

We just saw your voice mail this morning. Did you get our release yesterday? I've attached it here.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Netto, Joseph [mailto:Joseph.Netto@turner.com]
Sent: Wednesday, December 16, 2015 10:15 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Flint water

So what are the repercussions of Mayor Weaver's call for a state of emergency? Is she even able to declare a state of emergency?

Did she have any footing to declare a state of emergency?

Joseph Netto
CNN News Editor
One CNN Center
Atlanta, GA 30303
(404) 827 1511

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Wednesday, December 16, 2015 10:13 AM
To: Netto, Joseph
Subject: Flint water

Joe, nice speaking with you this morning. Let me know if you need more.

Dave

Flint residents need to have access to safe, clean water. Gov. Snyder and the administration have been working closely with the city to focus on health issues affecting children and other city residents, and address water infrastructure challenges.

The water leaving Flint's drinking water system is safe to drink, but some families with lead plumbing in their homes or service connections could experience higher levels of lead in the water that comes out of their faucets. Gov. Snyder in October created action plan that focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Departments of Environmental Quality and Health and Human Services, the U.S. Environmental Protection Agency, and the city of Flint.

The plan builds upon ongoing work with local, state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents have accurate information and know that help is available to address potential problems.

The state also has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities.
For your background, the action plan includes:

* Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
* Offering free water testing to Flint residents to assure their drinking water is safe.
* Providing free water filters to residents.
* Expanding health exposure testing of individual homes.
* Accelerating corrosion controls in the Flint drinking water system.
* Accelerating water system improvements to address replacing lead service lines.
* Expediting the completion of the Karegnondi Water Authority pipeline.
* Expanding a Safe Drinking Water Technical Advisory Committee to ensure the best technology, practices and science are being followed by adding an expert from the Environmental Protection Agency's Office of Research and Development to the group.
* Naming Dr. Eden Wells, chief medical executive for the Michigan Department of Health and Human Services, as the Flint drinking water public health adviser.
* Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted], mobile
Twitter:@michigandmurray

STATE OF MICHIGAN
EXECUTIVE OFFICE
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CONTACTS:	FOR IMMEDIATE RELEASE
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"But changes in leadership and staff are not enough. I understand there can be disagreements within the scientific community. That is why I have directed both the departments of Environmental Quality and Health and Human Services to invite every external scientist who has worked on this issue to be our partners in helping us improve Flint water. Let's share research on water and blood lead level testing so we can arrive at accurate and mutually supported conclusions. Together, we should work to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're taking steps to protect their health over the short and long term.

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“These are only initial steps - we fully expect to take more actions following the recommendations of our task force. When it comes to matters of health and quality of life, we’re committed to doing everything we can to protect the well-being of our citizens.”

# # #

From: Murray, David (GOV)
Sent: Wednesday, December 30, 2015 3:21 PM
To: 'Andrew Moore'
Subject: RE: From Drew @ NBC 25

Hey Drew! Not career suicide at all – I came from the media world only two years ago. I have no idea what will happen with that post, short-term or long-term. But I'll let you know when we know more.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]mobile
Twitter:@michigandmurray

From: Andrew Moore [redacted]
Sent: Wednesday, December 30, 2015 12:28 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: From Drew @ NBC 25

:Hi Dave.. So Wyant and Wuerfel resigned today. Leaving a big hole in the Flint water crisis to answer questions about what happened. At this point there's little doubt there were mistakes made. And once the 'After Action' report comes out it will probably be worse.

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I have a lot to offer and am just throwing it our there.

Just looking for your thoughts.

Drew

C:[redacted]

From: Granger, Patricia (DHHS)
Sent: Wednesday, December 30, 2015 4:01 PM
To: Murray, David (GOV); Kennedy, Jordan (GOV)
Cc: Krause, Kurt (DHHS)
Attachments: IA Coord Com Org Chart.pptx

Trisha (Ray) Granger
Sr. Executive Assistant to
Tim Becker, Chief Deputy Director
Department of Health and Human Services
(517) 373-3626
RayP2@michigan.gov

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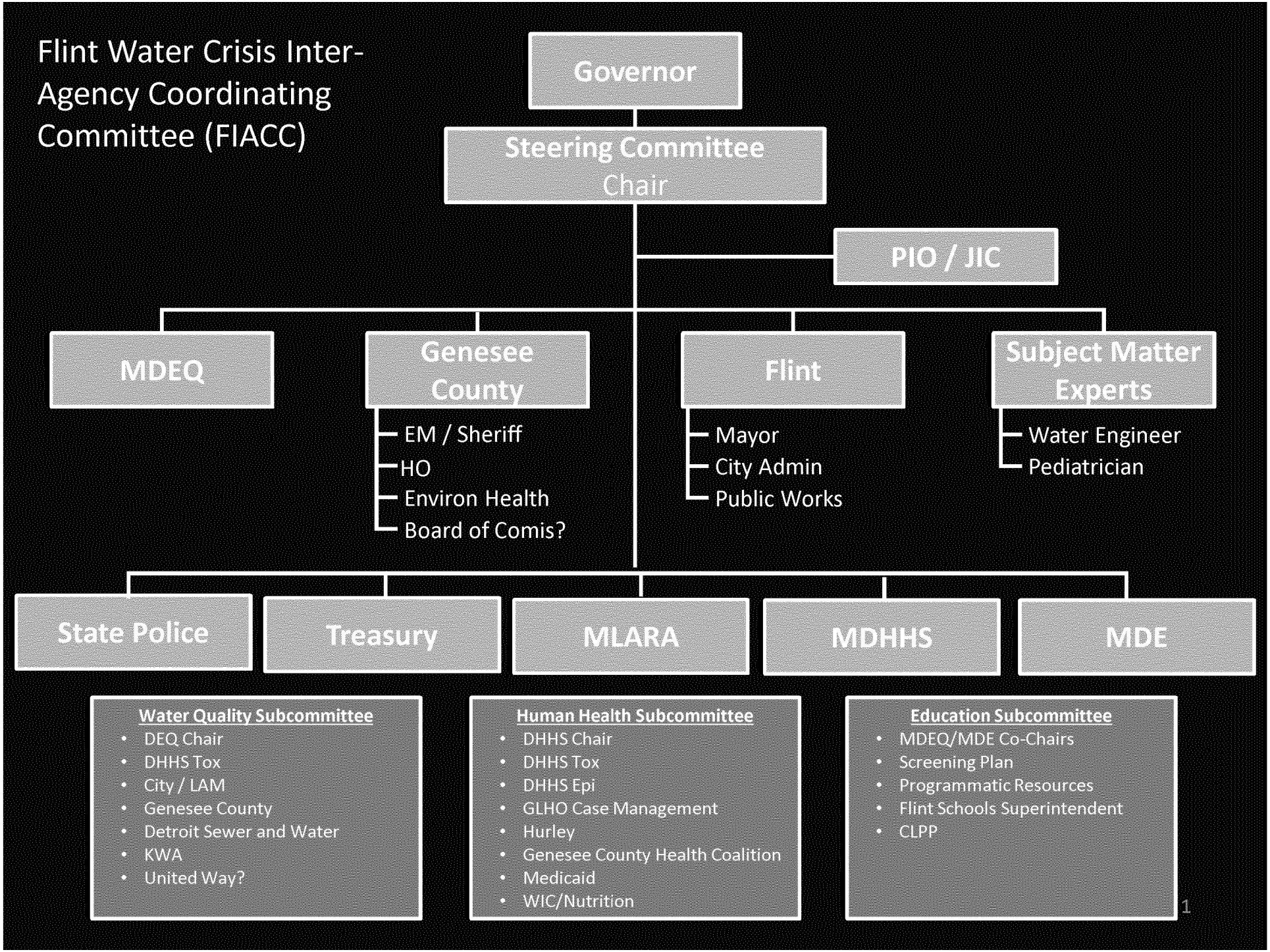
Flint Water Crisis Inter-Agency Coordinating Committee (FIACC)



From: Kennedy, Jordan (GOV)
Sent: Wednesday, December 30, 2015 4:37 PM
To: Granger, Patricia (DHHS); Murray, David (GOV)
Cc: Krause, Kurt (DHHS)
Attachments: IA Coord Com Org Chart.pptx

From: Granger, Patricia (DHHS)
Sent: Wednesday, December 30, 2015 4:01 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>
Cc: Krause, Kurt (DHHS) <KrauseK2@michigan.gov>
Subject:

Trisha (Ray) Granger
Sr. Executive Assistant to
Tim Becker, Chief Deputy Director
Department of Health and Human Services
(517) 373-3626
RayP2@michigan.gov

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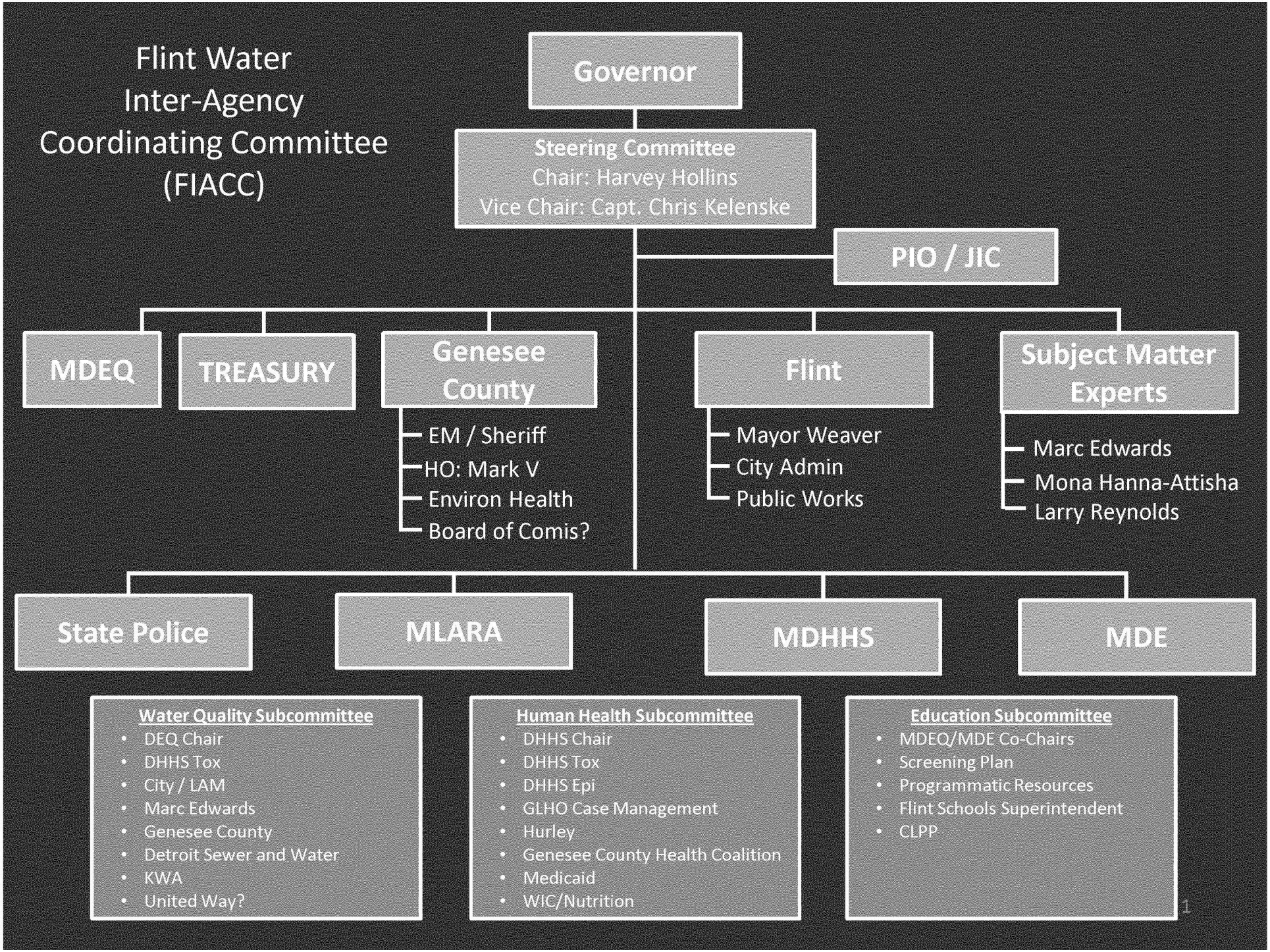
Flint Water Inter-Agency Coordinating Committee (FIACC)
Governor
Steering Committee
Chair: Harvey Hollins
Vice Chair: Capt. Chris Kelenske
PIO / JIC
MDEQ
TREASURY
Genesee County
EM / Sheriff
HO: Mark V
Environ Health
Board of Comis?
Flint
Mayor Weaver
City Admin
Public Works
Subject Matter Experts
Marc Edwards
Mona Hanna-Attisha
Larry Reynolds
State Police
MLARA
MDHHS
MDE
Water Quality Subcommittee
DEQ Chair
DHHS Tox
City / LAM
Marc Edwards
Genesee County
Detroit Sewer and Water
KWA
United Way?
Human Health Subcommittee
DHHS Chair
DHHS Tox
DHHS Epi
GLHO Case Management
Hurley
Genesee County Health Coalition
Medicaid
WIC/Nutrition
Education Subcommittee
MDEQ/MDE Co-Chairs
Screening Plan
Programmatic Resources
Flint Schools Superintendent
CLPP

From: Maryellen Tighe <Maryellen.Tighe@debtwire.com>
Sent: Thursday, December 31, 2015 9:44 AM
To: Murray, David (GOV)
Subject: press request - flint

Hello Dave,
I got your name from Sara's out of office reply, congrats on the new position!
I am working on an article about Flint water. I know that the head of the EPA has resigned and Snyder has spoken publically on the issue. However (unless I missed something) the state has not committed any money. I was wondering if that has changed or if there is a date that the state plans on making that decision. Also, if the state funding would be available to treat water now, help with the effects of lead poisoning or something else.
Thanks and I hope you've had a peaceful holiday season!
Maryellen

Maryellen Tighe
Reporter
Debtwire Municipals
Phone: 212 500-7549
Fax: 212 686-2664
Twitter: @MaryellenTighe
maryellen.tighe@debtwire.com

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Registered in England and Wales with company number 3879547

From: Murray, David (GOV)
Sent: Thursday, December 31, 2015 10:34 AM
To: 'Maryellen Tighe'
Subject: RE: press request - flint

Hello Maryellen,

Thank you for the kind words.

Much of what you wrote below is inaccurate. The state has so far provided more than $10 million to address some of the health and infrastructure concerns. When is your deadline? I can send you some information?

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

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Twitter: @MaryellenTighe
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Registered in England and Wales with company number 3578547

From: Murray, David (GOV)
Sent: Thursday, December 31, 2015 10:35 AM
To: Baird, Richard (GOV)
Subject: Powerpoint version
Attachments: IA Coord Com Org Chart.pptx

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
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Subject:

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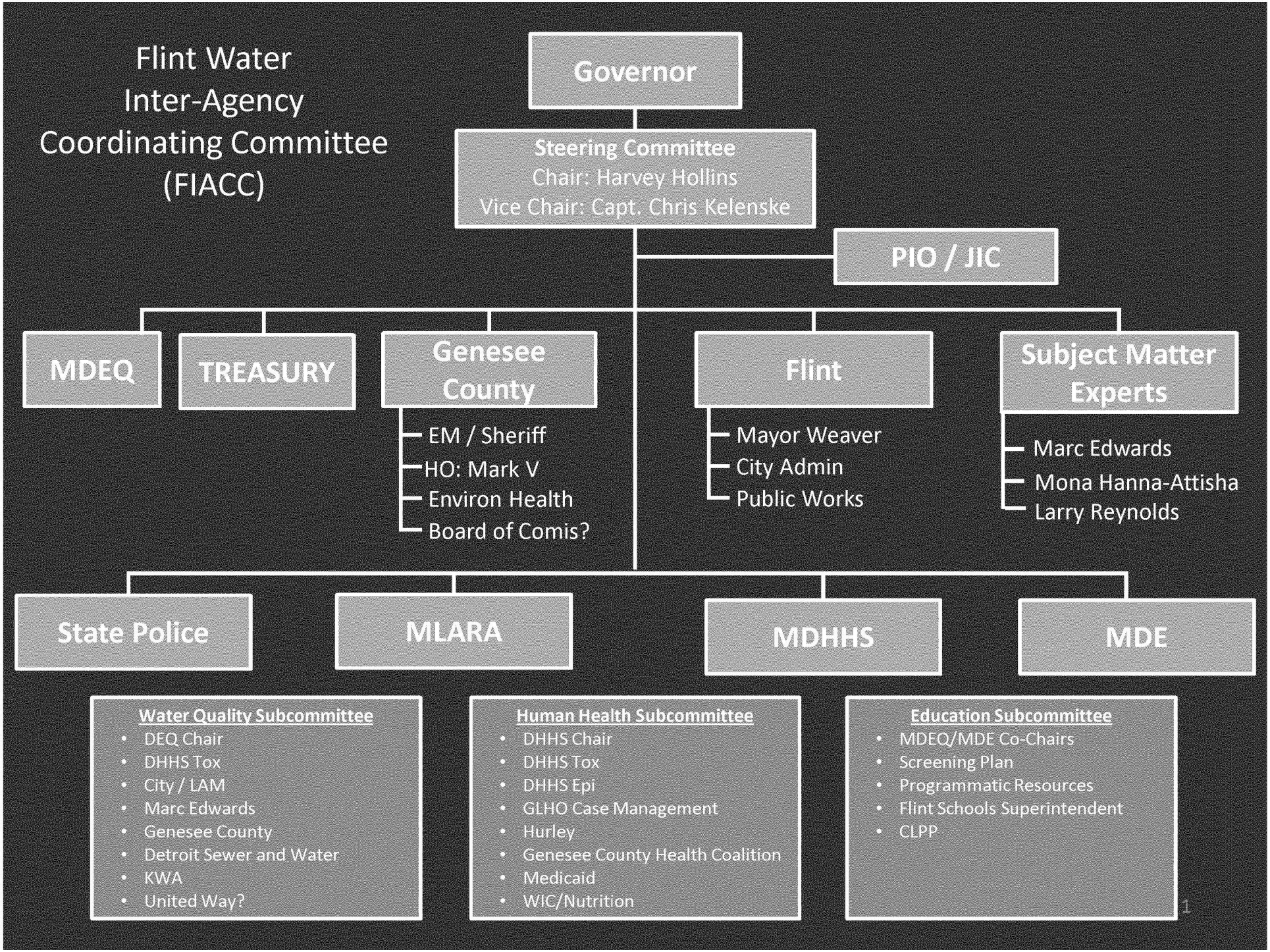
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Flint
Mayor Weaver
City Admin
Public Works
Subject Matter Experts
Marc Edwards
Mona Hanna-Attisha
Larry Reynolds
State Police
MLARA
MDHHS
MDE
Water Quality Subcommittee
DEQ Chair
DHHS Tox
City / LAM
Marc Edwards
Genesee County
Detroit Sewer and Water
KWA
United Way?
Human Health Subcommittee
DHHS Chair
DHHS Tox
DHHS Epi
GLHO Case Management
Hurley
Genesee County Health Coalition
Medicaid
WIC/Nutrition
Education Subcommittee
MDEQ/MDE Co-Chairs
Screening Plan
Programmatic Resources
Flint Schools Superintendent
CLPP

From: Tommasulo, Karen (DEQ)
Sent: Thursday, December 31, 2015 10:53 AM
To: Murray, David (GOV)
Subject: Fwd: Flint compliance sampling - media request
Attachments: Flint lead serv. ltr.pdf; ATT00001.htm

Just talked to Lindsey on the phone as well, and told her she'd have to call you on this one. Let me know if I can be of assistance.

Sent from my iPhone

Begin forwarded message:

> **From:** Lindsey Smith <lmsmi@umich.edu>
> **Date:** December 31, 2015 at 10:46:45 AM EST
> **To:** "Tommasulo, Karen (DEQ)" <tommasulok@michigan.gov>
> **Subject: Flint compliance sampling - media request**
>
> Good morning Karen and happy New Year.
>
> I'm hoping you may be able to help or at least point me in the right direction on who can help me find something. Back in November, Mike Prysby sent a letter to Flint looking for information related to compliance sampling for LCR. I've attached the letter here if that helps. Prysby was looking for a response from Flint on or before December 30th. Wondering if you guys have gotten anything from the city yet? I'm asking them too, just with it being a holiday week and all, I thought I'd see if you or anyone else is around today.
>
> All the best,
> --
> Lindsey Smith
> West Michigan Reporter
> Michigan Radio
> Office (616) 551-0717
> michiganradio.org

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING DISTRICT OFFICE

RICK SNYDER
GOVERNOR

DAN WYANT
DIRECTOR

November 9, 2015

Mr. Michael Glasgow
Utilities Administrator
City of Flint
4500 North Dort Highway
Flint, Michigan 48505

WSSN: #2310

Dear Mr. Glasgow:

SUBJECT: Water Supply – City of Flint (City) – Compliance Communication
Lead and Copper Rule Compliance Sampling Sites

The City community water system is subject to the requirements of the Michigan Safe Drinking Water Act, 1976 Public Act 399, as amended (Act 399). According to Department of Environmental Quality (DEQ) records, City reports submitted to the DEQ regarding Lead and Copper Rule (LCR) compliance monitoring information have been certified by the City that all LCR compliance monitoring since 1992 has been conducted at sampling sites meeting the Tier 1 criteria listed under subrule 1c of administrative rule 710a (R325.10710a).

The City's recent efforts to electronically convert customer service line information and statements by some of the City's certified operators conflict with the information provided in the City's LCR compliance monitoring certification reports.

Therefore, the DEQ is hereby requesting the City provide additional information and documentation regarding all 324 historic LCR compliance sampling sites.

As of November 3, 2015, the City's electronic database of customer service connections listed 10,895 records of converted customer service connection index cards. The City has recently indicated it has a total of 29,072 customer service connections, leaving approximately 18,177 records left to be converted. These digital records include a listing of the service line material.

The DEQ has obtained a copy of these 10,895 digital records and cross referenced them with the addresses for the City's 324 historic LCR compliance monitoring sites. However, only 46 of the 324 sites were able to be matched at the current time. Of these 46 sites, only 6 sites contained information confirming the Tier 1 site criteria based on having lead service line materials. 14 sites were listed as having no available information (n/a), and require additional documentation to justify being designated as a Tier 1 sample site having a lead service line. The remaining 26 cross referenced sites were listed as having copper service line materials which directly conflicts with the City's LCR reports certifying these sites as Tier 1 based on the criteria of having a lead service line. The City needs to provide additional information to the DEQ demonstrating these sites meet the Tier 1 site criteria or we will assume they do not.

The City's remaining 278 historic LCR compliance sampling sites must also be reviewed and will require additional documentation to justify being designated as Tier 1 sample sites.

Our office has provided the enclosed table that lists all 324 of the City's historic LCR compliance monitoring sites, when each site was utilized, the City's certification information for each site, and information cross referenced from the City's customer service line database. The City can use the far right column in this table, labeled *Justification of Lead Service Line and Tier 1 Criteria*, to summarize the City's justification for certifying these sites as Tier 1 and having a lead service line. Any supporting documentation regarding the justification for each site needs to be provided as separate attachments.

As a reminder, in accordance with subrule 1 of administrative rule 710a (R325.10710a), by January 1, 1992, the City was to have completed a materials evaluation of its distribution system to identify a pool of targeted sampling sites from which all first draw samples are collected. This evaluation was required to include information from:

- Special Monitoring for Corrosivity Characteristics
- All plumbing codes, permits, and records in the files of the building department or departments that indicate the plumbing materials installed within publically and privately owned structures connected to the water distribution system.
- All inspections and records of the distribution system indicating material composition of customer service connections.
- Water quality information that indicates locations which may be particularly susceptible to high lead or copper concentrations.

The completed table and all supporting documentation must be provided to our office as soon as possible, but by no later than December 30, 2015, prior to the next LCR compliance monitoring period.

Please contact me at 517-290-8817 or prysbym@michigan.gov at your earliest convenience to discuss this matter in more detail.

Sincerely,

Michael F. Prysby, P.E.
District Engineer
Lansing District Office
Office of Drinking Water and
Municipal Assistance

cc: Mr. Robert Bisnick, City of Flint
Mr. Brent Wright, City of Flint
Mr. Howard Kroft, City of Flint
Ms. Natasha Henderson, City of Flint
Mr. Jim Sygo, Chief Deputy Director, DEQ
Mr. Stephen Busch, DEQ
Mr. Adam Rosenthal, DEQ

From: Murray, David (GOV)
Sent: Thursday, December 31, 2015 10:55 AM
To: Tommasulo, Karen (DEQ)
Subject: RE: Flint compliance sampling - media request

Thanks, Karen. Is that attached letter what she is looking for?

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Tommasulo, Karen (DEQ)
Sent: Thursday, December 31, 2015 10:53 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Fwd: Flint compliance sampling - media request

Just talked to Lindsey on the phone as well, and told her she'd have to call you on this one. Let me know if I can be of assistance.

Sent from my iPhone

Begin forwarded message:

> **From:** Lindsey Smith <lmsmi@umich.edu>
> **Date:** December 31, 2015 at 10:46:45 AM EST
> **To:** "Tommasulo, Karen (DEQ)" <tommasulok@michigan.gov>
> **Subject: Flint compliance sampling - media request**
>
> Good morning Karen and happy New Year.
>
> I'm hoping you may be able to help or at least point me in the right direction on who can help me find something. Back in November, Mike Prysby sent a letter to Flint looking for information related to compliance sampling for LCR. I've attached the letter here if that helps. Prysby was looking for a response from Flint on or before December 30th. Wondering if you guys have gotten anything from the city yet? I'm asking them too, just with it being a holiday week and all, I thought I'd see if you or anyone else is around today.
>
> All the best,
> --
> Lindsey Smith
> West Michigan Reporter
> Michigan Radio

Office (616) 551-0717
michiganradio.org

From: Lindsey Smith <lmsmi@umich.edu>
Sent: Thursday, December 31, 2015 10:56 AM
To: Murray, David (GOV)
Subject: Fwd: Flint compliance sampling - media request
Attachments: Flint lead serv. ltr.pdf

Hi Dave and happy New Year.

Just talked to Karen at DEQ, who said all requests about Flint are headed your way for the time being. I would've asked yesterday but was out sick. If you get a chance, would love to see this info from Flint if/when it is available.

Best~

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STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING DISTRICT OFFICE

RICK SNYDER
GOVERNOR

DAN WYANT
DIRECTOR

November 9, 2015

Mr. Michael Glasgow
Utilities Administrator
City of Flint
4500 North Dort Highway
Flint, Michigan 48505

WSSN: #2310

Dear Mr. Glasgow:

SUBJECT: Water Supply – City of Flint (City) – Compliance Communication
Lead and Copper Rule Compliance Sampling Sites

The City community water system is subject to the requirements of the Michigan Safe Drinking Water Act, 1976 Public Act 399, as amended (Act 399). According to Department of Environmental Quality (DEQ) records, City reports submitted to the DEQ regarding Lead and Copper Rule (LCR) compliance monitoring information have been certified by the City that all LCR compliance monitoring since 1992 has been conducted at sampling sites meeting the Tier 1 criteria listed under subrule 1c of administrative rule 710a (R325.10710a).

The City's recent efforts to electronically convert customer service line information and statements by some of the City's certified operators conflict with the information provided in the City's LCR compliance monitoring certification reports.

Therefore, the DEQ is hereby requesting the City provide additional information and documentation regarding all 324 historic LCR compliance sampling sites.

As of November 3, 2015, the City's electronic database of customer service connections listed 10,895 records of converted customer service connection index cards. The City has recently indicated it has a total of 29,072 customer service connections, leaving approximately 18,177 records left to be converted. These digital records include a listing of the service line material.

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Please contact me at 517-290-8817 or prysbym@michigan.gov at your earliest convenience to discuss this matter in more detail.

Sincerely,

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District Engineer
Lansing District Office
Office of Drinking Water and
Municipal Assistance

cc: Mr. Robert Bisnick, City of Flint
Mr. Brent Wright, City of Flint
Mr. Howard Kroft, City of Flint
Ms. Natasha Henderson, City of Flint
Mr. Jim Sygo, Chief Deputy Director, DEQ
Mr. Stephen Busch, DEQ
Mr. Adam Rosenthal, DEQ

From: Murray, David (GOV)
Sent: Thursday, December 31, 2015 10:57 AM
To: 'Maryellen Tighe'
Subject: RE: press request - flint

I'm happy to help.

First, here is a link to the governor's release from Tuesday announcing the resignation of the director of the Department of Environmental Quality. http://www.michigan.gov/snyder/0,4668,7-277--372335--,00.html

Flint residents need to have access to safe, clean water. Gov. Snyder and the administration continue to work closely with the mayor and city leaders to focus on health issues affecting children and other city residents, and address water infrastructure challenges.

Gov. Snyder in October created an action plan that focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure challenges. The plan was created at Snyder's direction by the Michigan Departments of Environmental Quality and Health and Human Services, the U.S. Environmental Protection Agency, and the city of Flint.

The plan builds upon ongoing work with local, state and federal agencies and our partnership with city and community leaders. Together, we are working to ensure that all Flint residents have accurate information and know that help is available to address potential problems. You can find a link to a release about the action plan here: http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-366315--,00.html

The state also has offered more than $10 million in grants and other financial assistance to cover part of the payment for the temporary switch to the Great Lakes Water Authority until Flint's new water source is ready to go online as well as efforts to increase testing, improve existing city water infrastructure and purchase water filters for residents.

The governor also appointed a bipartisan task force charged with reviewing all of the city, state and federal government actions and recommending changes looking forward that can address potential challenges in Flint and other cities. The task force started working in late October, and members expected their work would last for about three months. Members already have made some recommendations, and the Governor has agreed to them. Information about the task force is here: http://www.michigan.gov/snyder/0,4668,7-277-57577_57657-367761--,00.html

There is a website with a considerable amount of information about the state's efforts to work with Flint's leaders and city residents here: www.michigan.gov/flintwater

I **strongly recommend** that you look at the most recent release from our Department of Health and Human Services, which focuses on the most recent testing data: http://www.michigan.gov/mdhhs/0,5885,7-339-73970_71692-371199--,00.html

For your background, the action plan includes:

* Testing in Flint public schools immediately to ensure that drinking water is safe, with testing also available at no cost to any other school in Flint.
* Offering free water testing to Flint residents to assure their drinking water is safe.
* Providing free water filters to residents.
* Expanding health exposure testing of individual homes.

* Accelerating corrosion controls in the Flint drinking water system.
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* Boosting a comprehensive lead education program to make sure residents have detailed information about how to protect themselves and their homes.

One thing we learned through this process is that there are no state or federal regulations requiring schools that are not on wells to test their water. The state has urged all districts conduct testing, and districts have been working with the Michigan Department of Environmental Quality.

Tell my friend Gunjan I said "Hi, and happy new year!"

Dave Murray
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MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Maryellen Tighe [mailto:Maryellen.Tighe@debtwire.com]
Sent: Thursday, December 31, 2015 9:44 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: press request - flint

Hello Dave,
I got your name from Sara's out of office reply, congrats on the new position!
I am working on an article about Flint water. I know that the head of the EPA has resigned and Snyder has spoken publically on the issue. However (unless I missed something) the state has not committed any money. I was wondering if that has changed or if there is a date that the state plans on making that decision. Also, if the state funding would be available to treat water now, help with the effects of lead poisoning or something else.
Thanks and I hope you've had a peaceful holiday season!
Maryellen

Maryellen Tighe
Reporter
Debtwire Municipals
Phone: 212 500-7549
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maryellen.tighe@debtwire.com

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Registered in England and Wales with company number 3878547

From: Murray, David (GOV)
Sent: Thursday, December 31, 2015 11:01 AM
To: 'Lindsey Smith'
Subject: RE: Flint compliance sampling - media request

Hello Lindsey,

With state offices closed today, and the deadline for the request yesterday afternoon, I might not be able to obtain this information by the end of the day today. We might need to wait until Monday morning, when the people involved would have access to the documents and could send them to me. I will reach out to them and see what is possible today.

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All the best,

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Lindsey Smith
West Michigan Reporter
Michigan Radio
Office (616) 551-0717
michiganradio.org

--
Lindsey Smith
West Michigan Reporter
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From: Lindsey Smith <lmsmi@umich.edu>
Sent: Thursday, December 31, 2015 11:05 AM
To: Murray, David (GOV)
Subject: Re: Flint compliance sampling - media request

I understand. Rock on. Appreciate the quick response.
Best~

On Thu, Dec 31, 2015 at 11:01 AM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

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517-335-6397, office

[redacted] mobile

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From: Maryellen Tighe <Maryellen.Tighe@debtwire.com>
Sent: Thursday, December 31, 2015 11:17 AM
To: Murray, David (GOV)
Subject: RE: press request - flint

David,
This is very helpful! Thank you very much. And I'll make sure to tell Gunjan hi for you when she gets back in the office on Monday.
I have one followup question – the state is being sued in the attached class action lawsuit (http://flintwaterstudy.org/2015/11/class-action-lawsuit/) . I was wondering if you have a sense of where the litigation is or what the state's feelings are on it (if you're looking to fight or settle sort of thing).
Thank you again for this abundance of information on New Year's Eve!
Maryellen

Maryellen Tighe
Phone: 212 500-7549
Twitter: @MaryellenTighe
maryellen.tighe@debtwire.com

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Maryellen Tighe
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From: Maryellen Tighe <Maryellen.Tighe@debtwire.com>
Sent: Thursday, December 31, 2015 11:33 AM
To: Murray, David (GOV)
Subject: RE: press request - flint

David,
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Maryellen

Maryellen Tighe
Phone: 212 500-7549
Twitter: @MaryellenTighe
maryellen.tighe@debtwire.com

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Thursday, December 31, 2015 10:34 AM
To: Maryellen Tighe
Subject: RE: press request - flint

Hello Maryellen,

Thank you for the kind words.

Much of what you wrote below is inaccurate. The state has so far provided more than $10 million to address some of the health and infrastructure concerns. When is your deadline? I can send you some information?

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
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From: Murray, David (GOV)
Sent: Thursday, December 31, 2015 12:04 PM
To: Maryellen Tighe
Subject: Re: press request - flint

Sounds good! Let me know if you need more!

Sent from my iPhone

On Dec 31, 2015, at 11:34 AM, Maryellen Tighe <Maryellen.Tighe@debtwire.com> wrote:

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>
> <image001.jpg>
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> ---
>
> **From:** Maryellen Tighe [mailto:Maryellen.Tighe@debtwire.com]
> **Sent:** Thursday, December 31, 2015 9:44 AM
> **To:** Murray, David (GOV) <MurrayD1@michigan.gov>
> **Subject:** press request - flint
>
> Hello Dave,
> I got your name from Sara's out of office reply, congrats on the new position!

I am working on an article about Flint water. I know that the head of the EPA has resigned and Snyder has spoken publically on the issue. However (unless I missed something) the state has not committed any money. I was wondering if that has changed or if there is a date that the state plans on making that decision. Also, if the state funding would be available to treat water now, help with the effects of lead poisoning or something else.
Thanks and I hope you've had a peaceful holiday season!
Maryellen

Maryellen Tighe
Reporter
Debtwire Municipals
Phone: 212 500-7549
Fax: 212 686-2664
Twitter: @MaryellenTighe
maryellen.tighe@debtwire.com

Debtwire publishes real-time news and data for financial professionals in fixed income markets across the world. Debtwire is part of the Mergermarket Group.

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Registered in England and Wales with company number 3879547

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Registered in England and Wales with company number 3879547

From: Murray, David (GOV)
Sent: Sunday, January 03, 2016 7:44 PM
To: 'Roberto Acosta'
Subject: RE: Will we get the opportunity to comment?

Much appreciated, Roberto. I'll always make time for MLive.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Roberto Acosta [mailto:RACOSTA1@mlive.com]
Sent: Sunday, January 03, 2016 7:41 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Will we get the opportunity to comment?

Dave,

Thank you for the comments.

I will add them to the story.

In the future I will do my best to reach out (even if it's on a weekend) if there are any stories I am working on regarding the governor's office.

Have a good evening,

Roberto

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Sunday, January 03, 2016 7:37 PM
To: Roberto Acosta <RACOSTA1@mlive.com>; Bryn Mickle <BMICKLE1@mlive.com>
Cc: Holland, Meegan (GOV) <HollandM2@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: RE: Will we get the opportunity to comment?

Roberto,

Flint residents deserve access to clean, safe water, and Gov. Snyder remains committed to working with Mayor Weaver to protect the health of Flint's children and the entire community, both immediately and into the future.

The state already has provided about $10 million in assistance, and the governor's action plan included increased testing in schools and of blood lead levels, distributing filters and other assistance. Recently, at the Governor's direction, leaders from the Michigan State Police Emergency Management and Homeland Security Division met with the mayor and Genesee County Commission chairman to help them determine the best possible pathway to additional state and federal resources.

We also are inviting every external scientist who has worked on this issue to be our partners in helping improve Flint water so we can arrive at accurate and mutually supported conclusions. We're committed to working together to protect Flint residents.

These are initial steps. The governor is meeting soon with Mayor Weaver to discuss other ways the state can offer assistance, and we expect to take further action once the independent Flint Water Task Force makes recommendations.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Roberto Acosta [mailto:RACOSTA1@mlive.com]
Sent: Sunday, January 03, 2016 7:10 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Will we get the opportunity to comment?

Dave,

Thank you for the response and I will keep an eye out for the statement,

Roberto

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Sunday, January 03, 2016 7:07 PM
To: Roberto Acosta <RACOSTA1@mlive.com>; Bryn Mickle <BMICKLE1@mlive.com>
Subject: RE: Will we get the opportunity to comment?

Roberto, we've exchanged email before and my cell number, along with my email and Twitter account, are in the signature. I check all of them constantly.

I'll provide a statement shortly.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Roberto Acosta [mailto:RACOSTA1@mlive.com]
Sent: Sunday, January 03, 2016 7:03 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Will we get the opportunity to comment?

Hello Dave,

This is Roberto.

If there are comments you would like to share, I can add them to the story.

I don't believe I have a direct contact for you.

Thanks for getting in touch,

Roberto

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Sunday, January 03, 2016 7:00 PM
To: Roberto Acosta <RACOSTA1@mlive.com>; Bryn Mickle <BMICKLE1@mlive.com>
Subject: Will we get the opportunity to comment?

Roberto and Bryn,

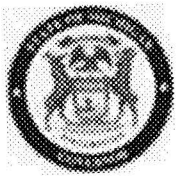
I read with dismay the story about Rep. Neeley's comments. It's seems highly unfair that we were never contacted to reply. Nor is there any mention of the work the governor has done to assist Flint with its challenges, from the $10 million in assistance to the action plan to the work of the Flint Water Task Force or even the recent response from the Office of Auditor General.

Do you have my contact information? I work hard to make sure I am accessible to the media, even on weekends and holidays.

Please let me know if there is an opportunity for us to provide balance to this story.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray



From: Murray, David (GOV)
Sent: Monday, January 04, 2016 12:03 PM
To: 'Ronald Fonger'
Subject: RE: request for comment

We'll have a statement very soon.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Monday, January 04, 2016 11:10 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: FW: request for comment

Dave:
Genesee County Board of Commissioners Chairman Jamie Curtis declared a state of emergency in Flint because of the water situation today.
Flint Mayor Karen Weaver said she is set to meet with the governor to discuss the situation Thursday morning.
I realize you don't have the paperwork yet but would you want to comment on the development and the planned meeting Thursday?

Ron Fonger
MLive Media Group
Reporter

mobile [redacted]
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 1:24 PM
To: Holland, Meegan (GOV)
Subject: Beefed up statement

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.

The state police has been closely engaged in the situation since the beginning, meeting with both county and city leaders to guide them through state and federal laws regarding the emergency management process. Due to the uniqueness of this situation, we have to look at all possible options to help Flint residents.

But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 1:38 PM
To: 'Andrew Moore'
Subject: RE: From Drew @ NBC 25 Re: Meeting Thurs. with Weaver/Snyder
Attachments: Fact Sheet - Emergency or Disaster Declaration Process.pdf

Hello Drew,

Here's our statement about the Genesee County Commission vote:

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.

The state police have been closely engaged in the situation since the beginning, meeting with both county and city leaders to guide them through state and federal laws regarding the emergency management process. Due to the uniqueness of this situation, we have to look at all possible options to help Flint residents.

But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control.

I'm attaching a fact sheet from MSP about the process in such situations.

The Governor and Mayor Weaver are planning to meet this week, and I am still gathering details about that.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Andrew Moore [mailto:amoore@sbgtv.com]
Sent: Monday, January 04, 2016 11:08 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: From Drew @ NBC 25 Re: Meeting Thurs. with Weaver/Snyder
Importance: High

Top O' The Morning To Ya! We heard about the face to face meeting the mayor and governor are having on Thursday morning. I can only imagine that they will be packing me up in a car and heading to Lansing to cover it. Can you make the Governor available for a short time after the meeting (I think it's happening at 9 or 10) to comment on the meeting? I'm sure he may not be able to talk about specifics of exactly what was talked about (or maybe he can), but I'd like to see if I can include the Governor in the story. OR is the new Flint Water Czar (our title not yours) going to be there? Wwe'd like to talk with him as well.

Drew Moore
Reporter
NBC 25 / Fox 66
W: (810) 687-9600
[redacted]
@drewmoorenbc25

December 2014

Fact Sheet

Emergency or Disaster Declaration Process

The Michigan Emergency Management Act (Public Act 390 of 1976, as amended) outlines the emergency management process for the state of Michigan. If an incident exhausts state resources, the Robert T. Stafford Disaster Relief and Emergency Assistance Act (42 USC §§ 5121-5207) establishes the process for requesting and obtaining a presidential disaster declaration and assistance from the federal government.

STEP BY STEP: Emergency or Disaster Declaration Process

1. Disasters are first and foremost local events. Most disasters are handled by local government with minimal or no state assistance. At the onset of a disaster or emergency, local emergency responders, joined by volunteers and the private sector, are the first to be involved.

2. A local jurisdiction may declare a "Local State of Emergency" exists when they have sustained widespread or severe damage, injury or loss of life or property. A local declaration ensures the response and recovery aspects of the emergency operations plan have been activated, and local resources are being utilized to the fullest extent possible. Authorities may authorize local aid and assistance.

3. If recovery efforts are beyond the ability of local government, the community may turn to the state to request assistance. All requests for assistance are channeled through the Michigan State Police, Emergency Management and Homeland Security Division.

4. The Michigan State Police, Emergency Management and Homeland Security Division reviews specific requests for state assistance and makes recommendations to the Governor's Office. The Governor's authority, granted by the Michigan Emergency Management Act, may include mobilizing state government agencies to provide necessary support and assistance to local authorities under a "State of Emergency" or "State of Disaster" declaration.

5. If state and local government resources are unable to cope with the emergency or disaster, the Governor may request assistance through the U.S. Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA), Region V Office in Chicago.

6. At the request of the Governor, FEMA may conduct a Preliminary Damage Assessment (PDA) in cooperation with state and local emergency management officials. The results of the PDA will be reviewed by state officials and the Governor's Office and used as a basis for determining whether to request federal financial assistance.

7. Should the state request federal disaster assistance, FEMA will review the request and make a recommendation to the president, who will make the final determination on any disaster aid to be provided to the state. The goal of disaster assistance is not to make individuals, businesses or government entities whole again, but to restore the community to a level that meets expected health and safety considerations.

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 1:54 PM
To: 'Stephen Carmody'
Subject: RE: A news media question
Attachments: Fact Sheet - Emergency or Disaster Declaration Process.pdf

Hello Steve,

We're working closely with Mayor Weaver, and another meeting with the Mayor and Governor is expected to be scheduled this week. Not sure about the details at this point. Here is our statement about the County Commission vote:

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.

The state police have been closely engaged in the situation since the beginning, meeting with both county and city leaders to guide them through state and federal laws regarding the emergency management process. Due to the uniqueness of this situation, we have to look at all possible options to help Flint residents.

But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control.

I'm attaching an MSP fact sheet about the process.

Rep. Phelps' bill hasn't been introduced yet, and we'll be able to give it a close review as it works through the legislative process. Certainly we share a common goal of protecting the health of people in Flint and across our state.

I urge you to consider the recent Auditor General letter that I believe addresses a scenario that the representative might be referring to.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Stephen Carmody [mailto:sgcarmod@umich.edu]
Sent: Monday, January 04, 2016 9:38 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: A news media question

David,

I understand Flint Mayor Weaver will be meeting with the governor this week.

What day will that be?

Steve Carmody
Michigan Radio

December 2014

Fact Sheet

Emergency or Disaster Declaration Process

The Michigan Emergency Management Act (Public Act 390 of 1976, as amended) outlines the emergency management process for the state of Michigan. If an incident exhausts state resources, the Robert T. Stafford Disaster Relief and Emergency Assistance Act (42 USC §§ 5121-5207) establishes the process for requesting and obtaining a presidential disaster declaration and assistance from the federal government.

STEP BY STEP: Emergency or Disaster Declaration Process

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5. If state and local government resources are unable to cope with the emergency or disaster, the Governor may request assistance through the U.S. Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA), Region V Office in Chicago.

6. At the request of the Governor, FEMA may conduct a Preliminary Damage Assessment (PDA) in cooperation with state and local emergency management officials. The results of the PDA will be reviewed by state officials and the Governor's Office and used as a basis for determining whether to request federal financial assistance.

7. Should the state request federal disaster assistance, FEMA will review the request and make a recommendation to the president, who will make the final determination on any disaster aid to be provided to the state. The goal of disaster assistance is not to make individuals, businesses or government entities whole again, but to restore the community to a level that meets expected health and safety considerations.

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 1:55 PM
To: 'Conaway, Laura (NBCUniversal)'
Subject: RE: Flint's emergeny declaration
Attachments: Fact Sheet - Emergency or Disaster Declaration Process.pdf

Hello Laura,

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.

The state police have been closely engaged in the situation since the beginning, meeting with both county and city leaders to guide them through state and federal laws regarding the emergency management process. Due to the uniqueness of this situation, we have to look at all possible options to help Flint residents.

But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control.

I'm attaching an MSP fact sheet about the process that I'm sure you will find helpful.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, January 04, 2016 1:20 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Flint's emergeny declaration

Hi, Dave, and Happy New Year.

I see that Flint's declaration of emergency is on its way to Governor Snyder. Has he decided yet whether he will sign, amend or reject it?

Thank you for the help.

Laura Conaway
The Rachel Maddow Show

December 2014

Fact Sheet

Emergency or Disaster Declaration Process

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STEP BY STEP: Emergency or Disaster Declaration Process

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4. The Michigan State Police, Emergency Management and Homeland Security Division reviews specific requests for state assistance and makes recommendations to the Governor's Office. The Governor's authority, granted by the Michigan Emergency Management Act, may include mobilizing state government agencies to provide necessary support and assistance to local authorities under a "State of Emergency" or "State of Disaster" declaration.

5. If state and local government resources are unable to cope with the emergency or disaster, the Governor may request assistance through the U.S. Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA), Region V Office in Chicago.

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7. Should the state request federal disaster assistance, FEMA will review the request and make a recommendation to the president, who will make the final determination on any disaster aid to be provided to the state. The goal of disaster assistance is not to make individuals, businesses or government entities whole again, but to restore the community to a level that meets expected health and safety considerations.

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 2:07 PM
To: jessica.dupnack@abc12.com
Subject: Flint
Attachments: Fact Sheet - Emergency or Disaster Declaration Process.pdf

Jessica,

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.

The state police have been closely engaged in the situation since the beginning, meeting with both county and city leaders to guide them through state and federal laws regarding the emergency management process. Due to the uniqueness of this situation, we have to look at all possible options to help Flint residents.

But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control.

I'm attaching an MSP fact sheet about the process.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]mobile
Twitter:@michigandmurray

December 2014

Fact Sheet

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From: Murray, David (GOV)
Sent: Monday, January 04, 2016 2:22 PM
To: Andrew Moore
Subject: Re: From Drew @ NBC 25 Re: Meeting Thurs. with Weaver/Snyder

That's to be determined.

Sent from my iPhone

On Jan 4, 2016, at 2:21 PM, Andrew Moore <amoore@sbgtv.com> wrote:

> Thanks for the statement. So can we expect to get a quick interview after the two meet on Thursday, or is that what you are checking on now?
>
> Drew Moore
> Reporter
> NBC 25 / Fox 66
> W: (810) 687-9600
> [redacted]
> @drewmoorenbc25
>
> <image001.jpg>
>
> ---
>
> **From:** Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
> **Sent:** Monday, January 04, 2016 1:38 PM
> **To:** Andrew Moore
> **Subject:** RE: From Drew @ NBC 25 Re: Meeting Thurs. with Weaver/Snyder
>
> Hello Drew,
>
> Here's our statement about the Genesee County Commission vote:
>
> The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.
>
> After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.
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> The state police have been closely engaged in the situation since the beginning, meeting with both county and city leaders to guide them through state and federal laws regarding the emergency management process. Due to the uniqueness of this situation, we have to look at all possible options to help Flint residents.
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> But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control.

I'm attaching a fact sheet from MSP about the process in such situations.

The Governor and Mayor Weaver are planning to meet this week, and I am still gathering details about that.

Dave

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

<image002.jpg>

From: Andrew Moore [mailto:amoore@sbgtv.com]
Sent: Monday, January 04, 2016 11:08 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: From Drew @ NBC 25 Re: Meeting Thurs. with Weaver/Snyder
Importance: High

Top O' The Morning To Ya! We heard about the face to face meeting the mayor and governor are having on Thursday morning. I can only imagine that they will be packing me up in a car and heading to Lansing to cover it. Can you make the Governor available for a short time after the meeting (I think it's happening at 9 or 10) to comment on the meeting? I'm sure he may not be able to talk about specifics of exactly what was talked about (or maybe he can), but I'd like to see if I can include the Governor in the story. OR is the new Flint Water Czar (our title not yours) going to be there? Wwe'd like to talk with him as well.

Drew Moore
Reporter
NBC 25 / Fox 66
W: (810) 687-9600
[redacted]
@drewmoorenbc25

<image001.jpg>

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 4:12 PM
To: 'Lynch, James'
Subject: RE: Need a minute when you have it....
Attachments: Fact Sheet - Emergency or Disaster Declaration Process.pdf

Hi Jim,

Sorry for the delay. We're scrambling today. Here's our statement. I'm also attaching a fact sheet from MSP that outlines the process. Let me know if you need more information.

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.

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Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]mobile
Twitter:@michigandmurray

From: Lynch, James [mailto:JLynch@detroitnews.com]
Sent: Monday, January 04, 2016 3:13 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Need a minute when you have it....

Dave,
Sorry to bug. My employers would like to get some info from you regarding Snyder and Flint's state of emergency – something quick for today if possible.
I only need about 5 mins if you can spare it.
Thanks.

Jim Lynch
The Detroit News
(313) 222-2034
jlynch@detnews.com

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Fact Sheet

Emergency or Disaster Declaration Process

The Michigan Emergency Management Act (Public Act 390 of 1976, as amended) outlines the emergency management process for the state of Michigan. If an incident exhausts state resources, the Robert T. Stafford Disaster Relief and Emergency Assistance Act (42 USC §§ 5121-5207) establishes the process for requesting and obtaining a presidential disaster declaration and assistance from the federal government.

STEP BY STEP: Emergency or Disaster Declaration Process

1. Disasters are first and foremost local events. Most disasters are handled by local government with minimal or no state assistance. At the onset of a disaster or emergency, local emergency responders, joined by volunteers and the private sector, are the first to be involved.

2. A local jurisdiction may declare a "Local State of Emergency" exists when they have sustained widespread or severe damage, injury or loss of life or property. A local declaration ensures the response and recovery aspects of the emergency operations plan have been activated, and local resources are being utilized to the fullest extent possible. Authorities may authorize local aid and assistance.

3. If recovery efforts are beyond the ability of local government, the community may turn to the state to request assistance. All requests for assistance are channeled through the Michigan State Police, Emergency Management and Homeland Security Division.

4. The Michigan State Police, Emergency Management and Homeland Security Division reviews specific requests for state assistance and makes recommendations to the Governor's Office. The Governor's authority, granted by the Michigan Emergency Management Act, may include mobilizing state government agencies to provide necessary support and assistance to local authorities under a "State of Emergency" or "State of Disaster" declaration.

5. If state and local government resources are unable to cope with the emergency or disaster, the Governor may request assistance through the U.S. Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA), Region V Office in Chicago.

6. At the request of the Governor, FEMA may conduct a Preliminary Damage Assessment (PDA) in cooperation with state and local emergency management officials. The results of the PDA will be reviewed by state officials and the Governor's Office and used as a basis for determining whether to request federal financial assistance.

7. Should the state request federal disaster assistance, FEMA will review the request and make a recommendation to the president, who will make the final determination on any disaster aid to be provided to the state. The goal of disaster assistance is not to make individuals, businesses or government entities whole again, but to restore the community to a level that meets expected health and safety considerations.

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 4:15 PM
To: 'Jacob Kanclerz'
Subject: RE: Question on MPSC appointment & Flint stuff
Attachments: Fact Sheet - Emergency or Disaster Declaration Process.pdf

Hello Jacob,

I'm not aware that an announcement is imminent for the replacement on the Public Service Commission.

Here is our statement regarding Flint. I'm attaching a fact sheet.

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.

The state police have been closely engaged in the situation since the beginning, meeting with both county and city leaders to guide them through state and federal laws regarding the emergency management process. Due to the uniqueness of this situation, we have to look at all possible options to help Flint residents.

But prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Jacob Kanclerz [mailto:jacob@mirsnews.com]
Sent: Monday, January 04, 2016 2:41 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: Question on MPSC appointment & Flint stuff

Good afternoon (and Happy New Year!),

I just wanted to check with you guys on what the timeline is for replacing for Mr. Quackenbush on the MPSC. Are we going to hear an announcement soon or is it going to be closer to when he leaves March 31?

Also, in case we need to do something on this today -- what's this about the Governor considering declaring a state of emergency in Flint? What needs to happen or what information needs to be obtained to make that a done deal? Let me know, thank you.

--
Jacob Kanclerz
Reporter, MIRS News
Office: 517-482-2125
[redacted]
Twitter: @jacobkanclerz

December 2014

Fact Sheet

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From: Murray, David (GOV)
Sent: Monday, January 04, 2016 4:23 PM
To: 'Lynch, James'
Subject: RE: Need a minute when you have it....

We appreciate your fairness and accuracy. Very much.

Is there a best way to contact you? There are times when we want to give some people a head start and I feel bad that we haven't been able to connect all the time.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]mobile
Twitter:@michigandmurray

From: Lynch, James [mailto:JLynch@detroitnews.com]
Sent: Monday, January 04, 2016 4:15 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Need a minute when you have it....

Dave,
I know you're busy, so I appreciate the help.

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, January 04, 2016 4:12 PM
To: Lynch, James <JLynch@detroitnews.com>
Subject: RE: Need a minute when you have it....

Hi Jim,

Sorry for the delay. We're scrambling today. Here's our statement. I'm also attaching a fact sheet from MSP that outlines the process. Let me know if you need more information.

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

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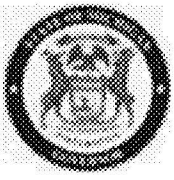


From: Lynch, James [mailto:JLynch@detroitnews.com]
Sent: Monday, January 04, 2016 3:13 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Need a minute when you have it....

Dave,
Sorry to bug. My employers would like to get some info from you regarding Snyder and Flint's state of emergency – something quick for today if possible.
I only need about 5 mins if you can spare it.
Thanks.

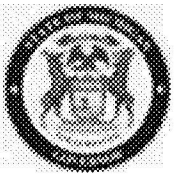
Jim Lynch
The Detroit News
(313) 222-2034
jlynch@detnews.com

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 4:26 PM
To: 'Lynch, James'
Subject: RE: Need a minute when you have it....

"I'm rarely doing anything important."

I know better! ☺

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray



From: Lynch, James [mailto:JLynch@detroitnews.com]
Sent: Monday, January 04, 2016 4:25 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Need a minute when you have it....

My cell phone is [redacted] Easiest way is to send me a text and tell me to call you. I'm rarely doing anything imoportant.

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, January 04, 2016 4:23 PM
To: Lynch, James <JLynch@detroitnews.com>
Subject: RE: Need a minute when you have it....

We appreciate your fairness and accuracy. Very much.

Is there a best way to contact you? There are times when we want to give some people a head start and I feel bad that we haven't been able to connect all the time.

Dave Murray
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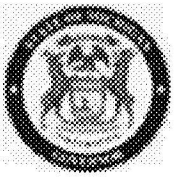

From: Lynch, James [mailto:JLynch@detroitnews.com]
Sent: Monday, January 04, 2016 4:15 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Need a minute when you have it....

Dave,
I know you're busy, so I appreciate the help.

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, January 04, 2016 4:12 PM
To: Lynch, James <JLynch@detroitnews.com>
Subject: RE: Need a minute when you have it....

Hi Jim,

Sorry for the delay. We're scrambling today. Here's our statement. I'm also attaching a fact sheet from MSP that outlines the process. Let me know if you need more information.

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.

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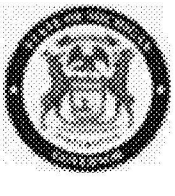

From: Lynch, James [mailto:JLynch@detroitnews.com]
Sent: Monday, January 04, 2016 3:13 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Need a minute when you have it....

Dave,

Sorry to bug. My employers would like to get some info from you regarding Snyder and Flint's state of emergency – something quick for today if possible.
I only need about 5 mins if you can spare it.
Thanks.

Jim Lynch
The Detroit News
(313) 222-2034
jlynch@detnews.com

From: Murray, David (GOV)
Sent: Monday, January 04, 2016 4:32 PM
To: andrew.keller@wnem.com
Subject: Flint statement
Attachments: Fact Sheet - Emergency or Disaster Declaration Process.pdf

Hi Andrew,

Here's our statement. I'm also attaching a fact sheet from MSP that has details about the procedures.

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.

The state police have been closely engaged in the situation since the beginning, meeting with both county and city leaders to guide them through state and federal laws regarding the emergency management process. Due to the uniqueness of this situation, we have to look at all possible options to help Flint residents.

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Dave Murray
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MurrayD1@michigan.gov
517-335-6397, office
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Twitter:@michigandmurray

December 2014

Fact Sheet

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From: Murray, David (GOV)
Sent: Monday, January 04, 2016 4:43 PM
To: 'Conaway, Laura (NBCUniversal)'
Subject: RE: Flint's emergeny declaration

Genesee County has three days to provide the state with damage assessment information that is needed for the request to the federal government. Members of the Michigan State Police Emergency Management Division have been working with the county on this and have provided guidance.

Again, prior to a formal declaration, we are recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control. We are committed to working with the mayor and county leaders in their efforts to protect the health of Flint residents. The mayor and governor are meeting later this week to discuss additional ways the state can provide assistance.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, January 04, 2016 2:04 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Flint's emergeny declaration

I've read the sheet you sent. As I understand it, Governor Snyder is going to have a decision to make as to whether to sign, amend or reject the declaration. Do you disagree with that characterization?

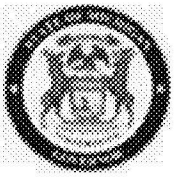
From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, January 04, 2016 2:02 PM
To: Conaway, Laura (NBCUniversal)
Cc: Heaton, Anna (GOV); Biehl, Laura (GOV)
Subject: RE: Flint's emergeny declaration

Laura, I ask that you look at the fact sheet that spells out the process.

We are offering Mayor Weaver our full support and are working with her to take steps that could lead to multiple pathways for resources for Flint residents.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray



From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, January 04, 2016 1:57 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Flint's emergeny declaration

So the governor recognizes this as an emergency but isn't saying whether he'll sign, amend or reject the declaration of emergency?

From: Murray, David (GOV) [mailto:MurrayD1@michigan.gov]
Sent: Monday, January 04, 2016 1:55 PM
To: Conaway, Laura (NBCUniversal)
Subject: RE: Flint's emergeny declaration

Hello Laura,

The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues.

After the County Commission's vote today, the Michigan State Police's Emergency Management and Homeland Security Division is working with the Genesee County Emergency Management Coordinator to gather information about the resources needed for a Governor's declaration.

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I'm attaching an MSP fact sheet about the process that I'm sure you will find helpful.

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MurrayD1@michigan.gov
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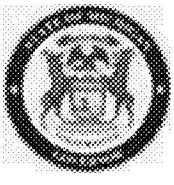

From: Conaway, Laura (NBCUniversal) [mailto:Laura.Conaway@nbcuni.com]
Sent: Monday, January 04, 2016 1:20 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Flint's emergeny declaration

Hi, Dave, and Happy New Year.

I see that Flint's declaration of emergency is on its way to Governor Snyder. Has he decided yet whether he will sign, amend or reject it?

Thank you for the help.

Laura Conaway
The Rachel Maddow Show

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 11:01 AM
To: Biehl, Laura (GOV)
Subject: FW: filing on DOJ

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]mobile
Twitter:@michigandmurray

From: Arthur Delaney [mailto:arthur@huffingtonpost.com]
Sent: Tuesday, January 05, 2016 10:57 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: filing on DOJ

Hi Dave, I am filing a short item on the USAO opening an investigation into the Flint water crisis. They tell me they're working with the EPA.

First reported here I think: https://twitter.com/ACLUofMichigan/status/684394955276615680

--
Reporter | Huffington Post
(202) 624-9396 desk | [redacted]
Twitter @ArthurDelaneyHP

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 11:06 AM
To: Biehl, Laura (GOV)
Subject: FW: news media information request

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Stephen Carmody [mailto:sgcarmod@umich.edu]
Sent: Tuesday, January 05, 2016 11:04 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: news media information request

David,

i just saw the MLive article about the DOJ investigation into the Flint water contamination.

Could you send me the governor's office statement?

Steve Carmody
Michigan Radio

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 12:28 PM
To: Tommasulo, Karen (DEQ); Brown, Melanie (DEQ)
Subject: FW: Flint compliance sampling - media request

Hello Karen and Mel,

I'm not familiar with this document. Is this something that can be provided?

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]mobile
Twitter:@michigandmurray

From: Lindsey Smith [mailto:lmsmi@umich.edu]
Sent: Tuesday, January 05, 2016 12:18 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Flint compliance sampling - media request

Hi Dave,

Just checking in on this request. Any chance I can get it without FOIA?

Best~

On Thu, Dec 31, 2015 at 11:04 AM, Lindsey Smith <lmsmi@umich.edu> wrote:

> I understand. Rock on. Appreciate the quick response.
> Best~
>
> On Thu, Dec 31, 2015 at 11:01 AM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
>
> > Hello Lindsey,
> >
> > With state offices closed today, and the deadline for the request yesterday afternoon, I might not be able to obtain this information by the end of the day today. We might need to wait until Monday morning, when the people involved would have access to the documents and could send them to me. I will reach out to them and see what is possible today.

Dave Murray

Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

[redacted] mobile

Twitter:@michigandmurray

From: Lindsey Smith [mailto:lmsmi@umich.edu]
Sent: Thursday, December 31, 2015 10:56 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Fwd: Flint compliance sampling - media request

Hi Dave and happy New Year.

Just talked to Karen at DEQ, who said all requests about Flint are headed your way for the time being. I would've asked yesterday but was out sick. If you get a chance, would love to see this info from Flint if/when it is available.

Best~

---------- Forwarded message ----------
From: **Lindsey Smith** <lmsmi@umich.edu>
Date: Thu, Dec 31, 2015 at 10:46 AM
Subject: Flint compliance sampling - media request
To: "Tommasulo, Karen (DEQ)" <tommasulok@michigan.gov>

Good morning Karen and happy New Year.

I'm hoping you may be able to help or at least point me in the right direction on who can help me find something. Back in November, Mike Prysby sent a letter to Flint looking for information related to compliance sampling for LCR. I've attached the letter here if that helps. Prysby was looking for a response from Flint on or before December 30th. Wondering if you guys have gotten anything from the city yet? I'm asking them too, just with it being a holiday week and all, I thought I'd see if you or anyone else is around today.

All the best,

--

Lindsey Smith
West Michigan Reporter
Michigan Radio
Office (616) 551-0717
michiganradio.org

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From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 1:45 PM
To: Brown, Melanie (DEQ)
Subject: DRAFT Declaration News Release
Attachments: GOV001 - Emergency Declared for Genesee County - 2016.01.05 - PA.docx

Importance: High

Hello Mel,

Here is a DRAFT release. We are making some changes as we speak. Will send you a final version when it is available.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]mobile
Twitter:@michigandmurray

From: Leix, Ron (MSP)
Sent: Tuesday, January 05, 2016 1:29 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Holland, Meegan (GOV) <HollandM2@michigan.gov>
Cc: Biehl, Laura (GOV) <BiehlL@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Banner, Shanon (MSP) <BannerS@michigan.gov>
Subject: Declaration News Release
Importance: High

Dave and Meegan,

We have crafted the following news release for the Governor declaring a "state of emergency." Please see the attached.

A few things:

- When the proclamation is finalized, please double-check to ensure it syncs with the news release.
- The news release does not address a presidential disaster declaration. We anticipate there will be questions about whether the Governor will request one.
- Before this is issued, it may be worthwhile to make the appropriate legislative and local notifications.

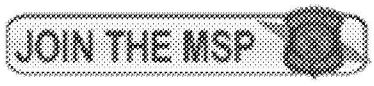
Please let me know if you need anything else.

Thanks,

Ron

Ron Leix
Public Information Officer (PIO)
Emergency Management
and Homeland Security Division
Michigan State Police
4000 Collins Road
Lansing, MI 48910
TX: (517) 336-6464
[redacted]

"A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY"



JOIN THE MSP

Governor Rick Snyder
REINVENTING MICHIGAN
Getting It Right. Getting It Done.

News Release

Contacts: Dave Murray
517-335-6397

Ron Leix, MSP/EMHSD
517-336-6464

FOR IMMEDIATE RELEASE
DRAFT: Monday, January 5, 2016

Gov. Snyder declares emergency for Genesee County

State Emergency Operations Center activated to assist with relief efforts

LANSING, Mich. – Gov. Rick Snyder today declared a state of emergency for Genesee County due to the ongoing health and safety issues caused by lead in the city of Flint's drinking water.

By declaring a state of emergency, Snyder has made available all state resources in cooperation with local response and recovery operations. The declaration authorizes the Michigan State Police, Emergency Management and Homeland Security Division (MSP/EMHSD) to coordinate state efforts.

"The drinking water crisis that continues to affect the city of Flint is an emergency in every sense of the word," Snyder said. "Every day, we depend on safe and clean drinking water from our taps. Flint residents cannot depend on their water unless safeguards are in place. Working in full partnership with the Flint Water Advisory Task Force, all levels of government and water quality experts, we will find both short-term and long-term solutions to ensure the health and safety of Flint residents."

In addition to the emergency declaration, Snyder activated the State Emergency Operations Center to coordinate state response and recovery activities. State agencies will report to the center to coordinate resources, assess the situation and begin providing assets to assist with local relief operations.

"The staff of the MSP/EMHSD recognizes the urgency of this situation and is already working closely with local officials," said Capt. Chris A. Kelenske, Deputy State Director of Emergency Management and Homeland Security and commander of the MSP/EMHSD. "We will continue to collaborate with state, city and county leaders to coordinate relief efforts, streamline communication and use all available resources to help residents."

On Jan. 4, Genesee County declared a "local state of emergency," which activated local emergency response and recovery plans. By requesting a governor's declaration, the county has determined local resources are insufficient to address the situation and state assistance is required

to protect public health, safety and property to lessen or avert the threat of a crisis.

The city of Flint has been under a local emergency declaration since Dec. 14, 2015.

The SEOC is the emergency operations center for the state of Michigan. Located in Lansing, the center is overseen by the MSP/EMHSD and coordinates response and recovery efforts by state agencies and local government. The SEOC is staffed by members of state agencies and other partners for decision making and information coordination during disasters or emergencies in the state of Michigan.

###

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 2:23 PM
To: 'Lindsey Smith'
Subject: RE: Flint compliance sampling - media request

I'm reaching out to my DEQ friends to get a response to you.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Lindsey Smith [mailto:lmsmi@umich.edu]
Sent: Tuesday, January 05, 2016 12:18 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: Flint compliance sampling - media request

Hi Dave,

Just checking in on this request. Any chance I can get it without FOIA?

Best~

On Thu, Dec 31, 2015 at 11:04 AM, Lindsey Smith <lmsmi@umich.edu> wrote:

> I understand. Rock on. Appreciate the quick response.
> Best~
>
> On Thu, Dec 31, 2015 at 11:01 AM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:
>
> > Hello Lindsey,
> >
> > With state offices closed today, and the deadline for the request yesterday afternoon, I might not be able to obtain this information by the end of the day today. We might need to wait until Monday morning, when the people involved would have access to the documents and could send them to me. I will reach out to them and see what is possible today.
> >
> > **Dave Murray**

Press Secretary | Executive Office of Governor Rick Snyder

MurrayD1@michigan.gov

517-335-6397, office

[redacted]mobile

Twitter:@michigandmurray

From: Lindsey Smith [mailto:lmsmi@umich.edu]
Sent: Thursday, December 31, 2015 10:56 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Fwd: Flint compliance sampling - media request

Hi Dave and happy New Year.

Just talked to Karen at DEQ, who said all requests about Flint are headed your way for the time being. I would've asked yesterday but was out sick. If you get a chance, would love to see this info from Flint if/when it is available.

Best~

---------- Forwarded message ----------
From: **Lindsey Smith** <lmsmi@umich.edu>
Date: Thu, Dec 31, 2015 at 10:46 AM
Subject: Flint compliance sampling - media request
To: "Tommasulo, Karen (DEQ)" <tommasulok@michigan.gov>

Good morning Karen and happy New Year.

I'm hoping you may be able to help or at least point me in the right direction on who can help me find something. Back in November, Mike Prysby sent a letter to Flint looking for information related to compliance sampling for LCR. I've attached the letter here if that helps. Prysby was looking for a response from Flint on or before December 30th. Wondering if you guys have gotten anything from the city yet? I'm asking them too, just with it being a holiday week and all, I thought I'd see if you or anyone else is around today.

All the best,

--

Lindsey Smith
West Michigan Reporter
Michigan Radio
Office (616) 551-0717
michiganradio.org

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From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 3:39 PM
To: Leix, Ron (MSP)
Subject: Re: Disaster Declaration Process

Thanks, Ron. I'll keep sharing your fact sheet.

Sent from my iPhone

On Jan 5, 2016, at 3:35 PM, Leix, Ron (MSP) <LeixR@michigan.gov> wrote:

> Dave and Meegan,
>
> Situational awareness. There have been a couple of incorrect reports about the emergency/disaster declaration process, assuming that a Governor's declaration is merely a sign-off and then the request is moved to federal level.
>
> **MLive**
> http://www.mlive.com/news/flint/index.ssf/2016/01/us_attorneys_office_investigat.html#incart_river_home
> **ABC 12 (WJRT-TV 12 in Flint)**
> http://mms.tveyes.com/PlaybackPortal.aspx?SavedEditID=9a36a4a2-71c0-43ef-a581-f9696a80026d
>
> That's just not the case. Requests are made to each level of government when resources are exhausted. (See the attached fact sheet.)
>
> With today's anticipated news release, I believe there will be more reports that assume the request will be automatically going to the federal level or federal assistance is immediately coming.
>
> Thanks,
>
> Ron
>
> Ron Leix
> Public Information Officer (PIO)
> Emergency Management
> and Homeland Security Division
> Michigan State Police
> 4000 Collins Road
> Lansing, MI 48910
> TX: (517) 336-6464
> [redacted]
>
> "A PROUD tradition of SERVICE through EXCELLENCE, INTEGRITY, and COURTESY"
>
> <image001.png>

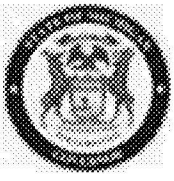
<Fact Sheet - Emergency or Disaster Declaration Process.pdf>

JOIN THE MSP

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 3:46 PM
To: jessica.dupnack@abc12.com
Subject: EMBARGOED RELEASE
Attachments: 160105_FlintEmergencyDeclaration_SEOCActivation.docx

Jessica, per our discussion. This is embargoed until we text the green light, which is when the final approvals are sent.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray



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News Release

Contacts: Dave Murray
517-335-6397

Ron Leix, MSP/EMHSD
517-336-6464

FOR IMMEDIATE RELEASE
Tuesday, January 5, 2016

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"The health and welfare of Flint residents is a top priority and we're committed to a coordinated approach with resources from state agencies to address all aspects of this situation," Snyder said. "Working in full partnership with the Flint Water Advisory Task Force, all levels of government and water quality experts, we will find both short-term and long-term solutions to ensure the health and safety of Flint residents."

In addition to the emergency declaration, Snyder activated the State Emergency Operations Center to coordinate state response and recovery activities. State agencies will report to the center to coordinate resources, assess the situation and begin providing assets to assist with local relief operations.

"Our staff recognizes the urgency of this situation and is already working closely with local officials," said Capt. Chris A. Kelenske, Deputy State Director of Emergency Management and Homeland Security and commander of the MSP/EMHSD. "We will continue to collaborate with state, city and county leaders to coordinate relief efforts, streamline communication and use all available resources to help residents."

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The city of Flint has been under a local emergency declaration since Dec. 14, 2015.

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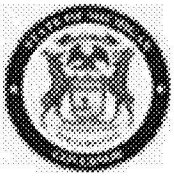
###

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 3:51 PM
To: 'jkaroub@ap.org'
Subject: Embargoed release
Attachments: 160105_FlintEmergencyDeclaration_SEOCActivation.docx

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray



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News Release

Contacts: Dave Murray
517-335-6397

Ron Leix, MSP/EMHSD
517-336-6464

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###

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 5:12 PM
To: Egan, Paul (pegan@freepress.com)
Subject: Your question

Hi Paul,

The state of Michigan will use its resources to the fullest possible extent during this emergency. If state and local resources are unable to cope with the emergency, the Governor may request federal assistance. We will continue to look for all avenues for potential assistance for Flint as part of our collaborative efforts to protect the health and welfare of children and all residents

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 5:19 PM
To: Hollins, Harvey (GOV)
Cc: Holland, Meegan (GOV)
Subject: Points on federal aid

Hi Harvey,

Some media people are asking why we are not immediately seeking federal aid. Here's what I've been sending to reporters:

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517-335-6397, office
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Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 5:56 PM
To: 'Egan, Paul'
Subject: RE: Your question

Just curious, who is making these allegations?

Gov. Snyder has been allocating state resources to address health and wellness challenges in Flint since October through his action plan. We've been working closely with Mayor Weaver and other local leaders on a variety of approaches to obtaining additional resources. Those are conversations that will continue, along with collaborative efforts with city and county leaders.

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Twitter:@michigandmurray

From: Egan, Paul [mailto:pegan@freepress.com]
Sent: Tuesday, January 05, 2016 5:29 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Your question

On the allegations of delay, is the governor saying the state had to wait for formal request from county before it could act?

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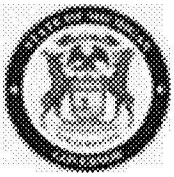

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 6:20 PM
To: 'Egan, Paul'
Subject: RE: Your question

For the declaration, we needed to have a formal request from the county. When we received that request, we were able to issue the declaration in a day. But we have been working with Flint leaders for months.

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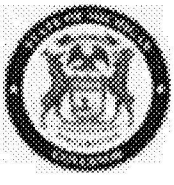

From: Egan, Paul [mailto:pegan@freepress.com]
Sent: Tuesday, January 05, 2016 5:59 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: RE: Your question

As soon as I posted story on Twitter a lot of people chimed in with "110 days too late," etc. Ananich said "It is beyond frustrating that the city I love, and the people who live in it, had to declare it destroyed before the state would act with any urgency."

I don't think you answered my question: is the governor saying the state had to wait for formal request from county before it could act?

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From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 6:23 PM
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Ah! Now I see.

The declaration is always a process that starts with the local governments.

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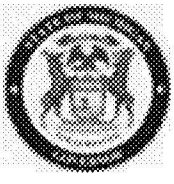

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Thanks I was only trying to clarify about the emergency declaration, should have worded the question more clearly.

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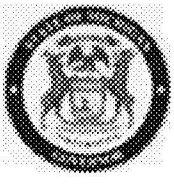

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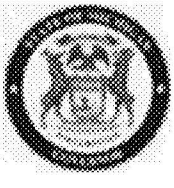

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517-335-6397, office
[redacted]mobile
Twitter:@michigandmurray

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 9:27 PM
To: 'Smith, Mitch'
Subject: RE: New York Times request

Hi Mitch,

I'm just catching up to this. I know the governor's schedule is packed tomorrow, but let me see if I can find a 10-minute window somewhere. Is there a particular time of day you have in mind? Here's the contact info for Ron Leix, who is outstanding and can provide you many details:

Ron Leix
Public Information Officer (PIO)
Emergency Management
and Homeland Security Division
Michigan State Police
TX: (517) 336-6464

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]mobile
Twitter:@michigandmurray

From: Smith, Mitch [mailto:mitchell.smith@nytimes.com]
Sent: Tuesday, January 05, 2016 7:30 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: New York Times request

Hi Dave,
I'm a New York Times reporter working on a story about the Flint water issues and Gov. Snyder's recent actions. I was wondering if the governor would be available for a phone interview tomorrow. I'd like to include his perspective on what he'd like to see going forward, the actions he's already taken, and his reflections on how the state has handled this issue.
Also, is there a media contact at MSP/EMHSD you can point me toward who could arrange an interview about what state resources will be used in light of the emergency declaration?
Thanks for your help.
-Mitch Smith

Mitch Smith

The New York Times, Chicago bureau
mitch.smith@nytimes.com
O: 312-552-7209
C: [redacted]

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 9:32 PM
To: Agen, Jarrod (GOV); Holland, Meegan (GOV)
Subject: FW: New York Times request

What do you guys think about this? Do you think there's benefit in giving the New York Times 10 minutes on this issue? He's going to write the story whether we are in it or not, and after the horribly one-sided Washington Post story, it might be helpful to get our side in a national publication.

I'll provide him with the information about the things we've already done, such as the action plan and the task force.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted], mobile
Twitter:@michigandmurray

From: Smith, Mitch [mailto:mitchell.smith@nytimes.com]
Sent: Tuesday, January 05, 2016 7:30 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: New York Times request

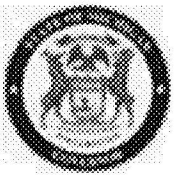
Hi Dave,
I'm a New York Times reporter working on a story about the Flint water issues and Gov. Snyder's recent actions. I was wondering if the governor would be available for a phone interview tomorrow. I'd like to include his perspective on what he'd like to see going forward, the actions he's already taken, and his reflections on how the state has handled this issue.
Also, is there a media contact at MSP/EMHSD you can point me toward who could arrange an interview about what state resources will be used in light of the emergency declaration?
Thanks for your help.
-Mitch Smith

Mitch Smith
The New York Times, Chicago bureau
mitch.smith@nytimes.com
O: 312-552-7209
C: [redacted]

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 9:51 PM
To: Agen, Jarrod (GOV); Holland, Meegan (GOV)
Subject: RE: New York Times request

Sounds good.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]mobile
Twitter:@michigandmurray



From: Agen, Jarrod (GOV)
Sent: Tuesday, January 05, 2016 9:50 PM
To: Holland, Meegan (GOV) <HollandM2@michigan.gov>
Cc: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: New York Times request

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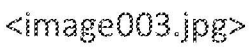

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Thanks for your help.
-Mitch Smith

Mitch Smith
The New York Times, Chicago bureau
mitch.smith@nytimes.com
O: 312-552-7209
C: [redacted]

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 9:53 PM
To: 'Smith, Mitch'
Subject: RE: New York Times request

Mitch, I don't know how closely you've been following this issue to this point, so I wanted to share some background on what the state has done so far.

Gov. Rick Snyder: Comprehensive action plan will help Flint residents address water concerns

Gov. Rick Snyder announces Flint Water Task Force to review state, federal and municipal actions, offer recommendations

Gov. Rick Snyder takes action on initial findings from Flint Water Task Force

Gov. Snyder declares emergency for Genesee County

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

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Mitch Smith
The New York Times, Chicago bureau
mitch.smith@nytimes.com
O: 312-552-7209
C: [redacted]

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To: Holland, Meegan (GOV)
Subject: RE: New York Times request

I was wondering that. Maybe Harvey, once we've had the opportunity to get him some points? He's certainly very knowledgeable about the issues and the community. But the Times is a tough first interview in his new role.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
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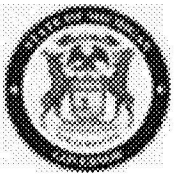

From: Holland, Meegan (GOV)
Sent: Tuesday, January 05, 2016 9:56 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: New York Times request

So Jarrod and I have both suggested surrogates. Who the heck is going to be the surrogate?!? :)

Sent from my iPhone

On Jan 5, 2016, at 9:51 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

> Sounds good.
>
> **Dave Murray**
> Press Secretary | Executive Office of Governor Rick Snyder
> MurrayD1@michigan.gov
> 517-335-6397, office
> [redacted] mobile
> Twitter:@michigandmurray
>
> <image001.jpg>
>
> **From:** Agen, Jarrod (GOV)
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> **To:** Holland, Meegan (GOV) <HollandM2@michigan.gov>
> **Cc:** Murray, David (GOV) <MurrayD1@michigan.gov>
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MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

<image003.jpg>

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-Mitch Smith

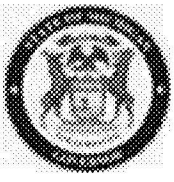
Mitch Smith
The New York Times, Chicago bureau
mitch.smith@nytimes.com

O: 312-552-7209
C: [redacted]

From: Murray, David (GOV)
Sent: Tuesday, January 05, 2016 10:12 PM
To: Holland, Meegan (GOV)
Subject: RE: New York Times request

I don't know how up to speed he is. But we can sleep on it.

Dave Murray
Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray



From: Holland, Meegan (GOV)
Sent: Tuesday, January 05, 2016 10:10 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>
Subject: Re: New York Times request

Yeah. Jarrod told me today he wouldn't put Harvey with Paul Egan - so probably not great for this reporter. Perhaps Keith Creagh?

Sent from my iPhone

On Jan 5, 2016, at 10:00 PM, Murray, David (GOV) <MurrayD1@michigan.gov> wrote:

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Thanks for your help.
-Mitch Smith

Mitch Smith
The New York Times, Chicago bureau
mitch.smith@nytimes.com
O: 312-552-7209
C: [redacted]

Subject: HH/EB Call re: Flint Water
Location: Eric will call [redacted]

Start: Mon 9/14/2015 11:15 AM
End: Mon 9/14/2015 11:30 AM

Recurrence: (none)

Meeting Status: Accepted

Organizer: Clayton, Stacie (GOV)
Required Attendees: Hollins, Harvey (GOV); Brown, Eric (GOV)

Subject: Flint Water
Location: EB calling MP: [redacted]

Start: Mon 9/14/2015 4:15 PM
End: Mon 9/14/2015 4:45 PM

Recurrence: (none)

Organizer: Brown, Eric (GOV)

Subject: Flint Water Conference Call

Start: Tue 9/15/2015 12:00 PM
End: Tue 9/15/2015 12:30 PM

Recurrence: (none)

Meeting Status: Accepted

Organizer: Clayton, Stacie (GOV)
Required Attendees: Hollins, Harvey (GOV); Brown, Eric (GOV); Pallone, Maggie (DEQ); Wurfel, Brad (DEQ)

Call In: [redacted]
Access: [redacted]
Stacie will host

Participants
Harvey Hollins
Eric Brown
Maggie Pallone
Brad Wurfel

Subject: Flint Water Briefing

Start: Mon 9/21/2015 9:00 AM
End: Mon 9/21/2015 9:30 AM

Recurrence: (none)

Organizer: Brown, Eric (GOV)

[redacted]
Access code: [redacted]

Maggie Pallone pallonem@michigan.gov

Subject: Flint Water Pre-Brief
Location: [redacted] Access code: [redacted]

Start: Fri 10/2/2015 10:30 AM
End: Fri 10/2/2015 11:00 AM

Recurrence: (none)

Organizer: Brown, Eric (GOV)

[redacted]
Access code: [redacted]

From: Brown, Eric (GOV)
Sent: Thursday, August 27, 2015 10:20 AM
To: Brown, Eric (GOV); 'Johnson, Bentley (Peters)'
Subject: RE: Chat soon?

You still want to catch up today? My afternoon is flexible. Let me know

-----Original Message-----
From: Brown, Eric (GOV)
Sent: Wednesday, August 26, 2015 12:21 PM
To: 'Johnson, Bentley (Peters)' <Bentley_Johnson@peters.senate.gov>
Subject: RE: Chat soon?

Welcome back. I'm around all day. What's best for you?

-----Original Message-----
From: Johnson, Bentley (Peters) [mailto:Bentley_Johnson@peters.senate.gov]
Sent: Wednesday, August 26, 2015 12:20 PM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: RE: Chat soon?

Hey Eric, I just got back from my vacation. Still around tomorrow to chat?
-Bentley

-----Original Message-----
From: Brown, Eric (GOV) [mailto:BrownE15@michigan.gov]
Sent: Wednesday, August 19, 2015 7:04 PM
To: Johnson, Bentley (Peters) <Bentley_Johnson@peters.senate.gov>
Subject: Re: Chat soon?

Hey, I'm on vacation this week but back next week. Shall we plan on Thursday next week? Name the time.

Sent from my mobile device

On Aug 19, 2015, at 11:17 AM, Johnson, Bentley (Peters)
<Bentley_Johnson@peters.senate.gov<mailto:Bentley_Johnson@peters.senate.gov>> wrote:

Hey Eric, hope you're enjoying August. Are you around to meet or get a team on the phone? I have a few things on my list to run down, including Flint water, Clean Power Plan reaction, and pipelines. I'm here today and tomorrow, then out for three business days, and back on Wednesday the 26th. Thanks!

-Bentley

Bentley Johnson
Legislative Assistant
Senator Gary C. Peters
724 Hart Senate Office Building
Office: 202-224-6221

Subject: HH/EB Call re: Flint Water
Location: Eric will call [redacted]

Start: Mon 9/14/2015 11:30 AM
End: Mon 9/14/2015 12:00 PM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Clayton, Stacie (GOV)
Required Attendees: Hollins, Harvey (GOV); Brown, Eric (GOV)

Subject: HH/EB Call re: Flint Water
Location: Eric will call [redacted]

Start: Mon 9/14/2015 11:15 AM
End: Mon 9/14/2015 11:30 AM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Clayton, Stacie (GOV)
Required Attendees: Hollins, Harvey (GOV); Brown, Eric (GOV)

Subject: RE: Flint water

From: Pallone, Maggie (DEQ)
Sent: Monday, September 14, 2015 11:14 AM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: Re: Flint water

Yes between 4 and 5 on my cell [redacted]

On Sep 14, 2015, at 11:09 AM, Brown, Eric (GOV) <BrownE15@michigan.gov> wrote:
We need to catch up today. I'm available from 2:30-3:30 and from 4-5 today. Are you available for a phone call during those times?

From: Pallone, Maggie (DEQ)
Sent: Sunday, September 13, 2015 8:43 PM
To: Dickinson, Jordan <Jordan.Dickinson@mail.house.gov>
Cc: Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: Flint water

Hi Jordan-
I wanted to reach out and let you know that we are working on pulling together an elected leaders briefing on Flint water for later this week or the following week. We plan on reaching out to EPA as well to have them participate via phone. If the Congressman does not plan on being back in town, we can loop him in as well.

Someone from my office will be reaching out to run by some dates and times.

Thanks so much. Please give me a call if you have any questions.

Maggie

Maggie Pallone
Deputy Director
Policy and Legislative Affairs
Department of Environmental Quality
[redacted](cell)
PalloneM@michigan.gov

Subject: Flint Water Conference Call

Start: Tue 9/15/2015 12:00 PM
End: Tue 9/15/2015 12:30 PM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: Clayton, Stacie (GOV)
Required Attendees: Hollins, Harvey (GOV); Brown, Eric (GOV); Pallone, Maggie (DEQ); Wurfel, Brad (DEQ)

Call In: [redacted]
Access:
Stacie will host

Participants
Harvey Hollins
Eric Brown
Maggie Pallone
Brad Wurfel

To: Dickinson, Jordan; Pallone, Maggie (DEQ); Fortin.Denise@epa.gov; Beckmann, Ronna Erin (beckmann.ronna@epa.gov); Davis, CatherineM (Davis.CatherineM@epa.gov)
Subject: RE: Flint water

Hi Jordan,
DEQ has received your

From: Dickinson, Jordan [mailto:Jordan.Dickinson@mail.house.gov]
Sent: Tuesday, September 15, 2015 1:48 PM
To: Pallone, Maggie (DEQ) <PalloneM@michigan.gov>; Fortin.Denise@epa.gov; Beckmann, Ronna Erin (beckmann.ronna@epa.gov) <beckmann.ronna@epa.gov>; Davis, CatherineM (Davis.CatherineM@epa.gov) <Davis.CatherineM@epa.gov>
Cc: Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: RE: Flint water

Hi Maggie, Denise, Ronna and Cathy,

Thank you for the offer of providing a briefing my boss on this issue. I would like clarification that this briefing will be in addition to an official response from DEQ and EPA and will not supplant it.

Thank you,

Jordan Dickinson
Legislative Assistant
Congressman Dan Kildee (MI-05)
227 Cannon House Office Building
Washington, D.C. 20515
Phone: (202) 225-3611
{HYPERLINK "http://www.dankildee.house.gov/"}
{HYPERLINK "http://www.facebook.com/repdankildee"} {HYPERLINK "http://www.youtube.com/repdankildee"} {HYPERLINK "http://www.flickr.com/photos/repdankildee"}

{HYPERLINK "http://dankildee.house.gov/newsletter-subscription/"}

From: Dickinson, Jordan
Sent: Sunday, September 13, 2015 9:18 PM
To: 'PalloneM@michigan.gov'
Cc: 'browne15@michigan.gov'
Subject: Re: Flint water

Hi Maggie,

The Congressman is in DC and the district this week so it will just depend on when the briefing is. Is the briefing going to supplant a response to our letter or is it separate?

Jordan Dickinson
Legislative Assistant
Congressman Dan Kildee (MI-05)
202-225-3611

From: Pallone, Maggie (DEQ) [mailto:PalloneM@michigan.gov]
Sent: Sunday, September 13, 2015 08:42 PM
To: Dickinson, Jordan
Cc: Brown, Eric (GOV) <{HYPERLINK "mailto:BrownE15@michigan.gov"}>
Subject: Flint water

Hi Jordan-
I wanted to reach out and let you know that we are working on pulling together an elected leaders briefing on Flint water for later this week or the following week. We plan on reaching out to EPA as well to have them participate via phone. If the Congressman does not plan on being back in town, we can loop him in as well.

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Maggie

Maggie Pallone
Deputy Director
Policy and Legislative Affairs
Department of Environmental Quality
[redacted] (cell)
{HYPERLINK "mailto:PalloneM@michigan.gov"}

From: Hall, Jean (GOV)
Sent: Friday, October 02, 2015 9:41 AM
To: Brown, Eric (GOV)
Cc: Mcbride, Bill (GOV)
Subject: RE: Flint letters
Attachments: 10.2.15 Kildee.pdf; 10.2.15 Stabenow.pdf; 10.2.15 Peters.pdf

Please read over, we made a couple grammatical changes. Let me know if you need anything else.

Jean Hall
Executive Assistant
Office of Strategic Policy
Executive Office of Governor Rick Snyder
Hallj16@michigan.gov
517-241-5493

From: Brown, Eric (GOV)
Sent: Friday, October 02, 2015 9:02 AM
To: Hall, Jean (GOV) <hallj16@michigan.gov>
Cc: Mcbride, Bill (GOV) <mcbridebb@michigan.gov>
Subject: Flint letters

Jean,
Thanks for your help this morning. I have included 3 letters, one for Congressman Kildee, and one each for Senators Peters and Stabenow. Please let me know if there are any format problems, etc. I need these ASAP, if possible. Sorry for the fire drill!
--Eric

Eric K Brown
Senior Federal Policy Representative
State of Michigan – Governor Rick Snyder
Washington D.C. Office
202.624.5840 (office)
[redacted] (mobile)

STATE OF MICHIGAN

RICK SNYDER
GOVERNOR

EXECUTIVE OFFICE
LANSING

BRIAN CALLEY
LT. GOVERNOR

October 2, 2015

The Honorable Dan Kildee
U.S. House of Representatives
227 Cannon House Office Building
Washington, DC 20515

Congressman Kildee:

As part of our ongoing dialogue related to the City of Flint's water, I want to make sure you are aware of the actions taken by the State of Michigan to ensure that the residents of Flint have access to safe, clean drinking water. These actions include:

1. Immediately testing Flint's public school district to ensure that drinking water is safe. Testing also will be available at no cost to any other school in Flint.
2. Expanding health exposure testing of individual residences.
3. Offering water testing at no cost to Flint residents to assure the water is safe.
4. Begin optimizing corrosion controls in the Flint drinking water system.
5. Convening a "Safe Drinking Water Technical Advisory Committee" to ensure the best technology, practices, and science are being utilized. This Committee will include an expert from the EPA's Office of Research and Development.
6. Accelerating water system improvements to address replacement of lead service lines.
7. Expediting completion of Karegnondi Water Authority.
8. Appointing Dr. Eden Wells as the Flint Drinking Water Public Health Advisor.
9. Providing water filters to residents of Flint.
10. Expanding a comprehensive lead education initiative.

While these actions will mitigate the risk of lead exposure in the immediate and long term, there are a number of federal regulatory hurdles that impede our ability to further reduce risk. As the federal representative for the City of Flint, I would appreciate your assistance on the following federal items:

1. Make federal Drinking Water Revolving Loan funds available for the replacement of private service lines.
2. Ease and/or eliminate restrictions on the purchase of bottled water for SNAP and WIC recipients. This should include a temporary, targeted increase in SNAP benefits so that the purchase of bottled water does not count against a recipients' current SNAP allocation.
3. Request that the EPA expedite promulgation of the long term revisions to the Lead and Copper Rule.

As the situation continues to evolve, I would also appreciate your assistance in the event that additional federal action is needed.

Thank you for your continued advocacy related to the City of Flint's water. I have appreciated the ongoing dialogue and am heartened to have a partner in ensuring that the residents of Flint have access to safe, clean drinking water. I look forward to continuing to work with you on this and many other issues of importance to Michiganders.

Sincerely,

Rick Snyder
Governor

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

BRIAN CALLEY
LT. GOVERNOR

October 2, 2015

The Honorable Debbie Stabenow
U.S. Senate
731 Hart Senate Office Building
Washington, DC 20510

Senator Stabenow:

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1. Immediately testing Flint's public school district to ensure that drinking water is safe. Testing also will be available at no cost to any other school in Flint.
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3. Offering water testing at no cost to Flint residents to assure the water is safe.
4. Begin optimizing corrosion controls in the Flint drinking water system.
5. Convening a "Safe Drinking Water Technical Advisory Committee" to ensure the best technology, practices, and science are being utilized. This Committee will include an expert from the EPA's Office of Research and Development.
6. Accelerating water system improvements to address replacement of lead service lines.
7. Expediting completion of Karegnondi Water Authority.
8. Appointing Dr. Eden Wells as the Flint Drinking Water Public Health Advisor.
9. Providing water filters to residents of Flint.
10. Expanding a comprehensive lead education initiative.

While these actions will mitigate the risk of lead exposure in the immediate and long term, there are a number of federal regulatory hurdles that impede our ability to further reduce risk. As the federal representative for the City of Flint, I would appreciate your assistance on the following federal items:

1. Make federal Drinking Water Revolving Loan funds available for the replacement of private service lines.
2. Ease and/or eliminate restrictions on the purchase of bottled water for SNAP and WIC recipients. This should include a temporary, targeted increase in SNAP benefits so that the purchase of bottled water does not count against a recipients' current SNAP allocation.
3. Request that the EPA expedite promulgation of the long term revisions to the Lead and Copper Rule.

As the situation continues to evolve, I would also appreciate your assistance in the event that additional federal action is needed.

Thank you for your continued efforts to ensure that the residents of Flint have access to safe, clean drinking water. I look forward to continuing to work with you on this and many other issues of importance to Michiganders.

Sincerely,

Rick Snyder
Governor

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

BRIAN CALLEY
LT. GOVERNOR

October 2, 2015

The Honorable Gary Peters
U.S. Senate
724 Hart Senate Office Building
Washington, DC 20510

Senator Peters:

As part of our ongoing dialogue related to the City of Flint's water, I want to make sure you are aware of the actions taken by the State of Michigan to ensure that the residents of Flint have access to safe, clean drinking water. These actions include:

1. Immediately testing Flint's public school district to ensure that drinking water is safe. Testing also will be available at no cost to any other school in Flint.
2. Expanding health exposure testing of individual residences.
3. Offering water testing at no cost to Flint residents to assure the water is safe.
4. Begin optimizing corrosion controls in the Flint drinking water system.
5. Convening a "Safe Drinking Water Technical Advisory Committee" to ensure the best technology, practices, and science are being utilized. This Committee will include an expert from the EPA's Office of Research and Development.
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Sincerely,

Rick Snyder
Governor

From: Johnson, Bentley (Peters) <Bentley_Johnson@peters.senate.gov>
Sent: Thursday, August 06, 2015 11:34 AM
To: Brown, Eric (GOV)
Subject: Flint water issue

Hey Eric,
I do want to have a longer chat in August about pipelines and Clean Power Plan, but first a more immediate request. Some constituents in Flint have approached us about looking into a water quality issue. I would like to talk to someone from MDEQ just to find out more. I was given Steve Busch's name as a contact. Are you able to set up a conversation? Or I'm happy just to email or call him directly. Thanks.
-Bentley

Bentley Johnson
Legislative Assistant
Senator Gary C. Peters
724 Hart Senate Office Building
Office: 202-224-6221

From: Johnson, Bentley (Peters) <Bentley_Johnson@peters.senate.gov>
Sent: Thursday, August 06, 2015 11:46 AM
To: Brown, Eric (GOV)
Subject: RE: Flint water issue

Complaints of serious health issues ever since Flint water supply changed from Detroit water system to Flint river source in 2014. There were non-compliance issues in 2014 but EPA's letter back to the constituents said that as of May 2015, samples from all 8 testing sites are below the standard (in compliance). EPA said in the letter that MDEQ had primary oversight in this instance.

-----Original Message-----
From: Brown, Eric (GOV) [mailto:BrownE15@michigan.gov]
Sent: Thursday, August 06, 2015 11:43 AM
To: Johnson, Bentley (Peters) <Bentley_Johnson@peters.senate.gov>
Subject: Re: Flint water issue

What's the water issue?

Sent from my mobile device

On Aug 6, 2015, at 11:34 AM, Johnson, Bentley (Peters)
<Bentley_Johnson@peters.senate.gov<mailto:Bentley_Johnson@peters.senate.gov>> wrote:

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Legislative Assistant
Senator Gary C. Peters
724 Hart Senate Office Building
Office: 202-224-6221

From: Pallone, Maggie (DEQ)
Sent: Thursday, August 06, 2015 12:48 PM
To: Brown, Eric (GOV)
Subject: Re: Flint water issue

Yes and Brad Wurfel has also been doing a lot of meetings on this.

On Aug 6, 2015, at 12:28 PM, Brown, Eric (GOV) <BrownE15@michigan.gov> wrote:

> Who should talk to peters staff on this? See below, is Steve Busch the right contact?
>
> Sent from my mobile device
>
> Begin forwarded message:
>
> > **From:** "Johnson, Bentley (Peters)" <Bentley_Johnson@peters.senate.gov>
> > **Date:** August 6, 2015 at 11:45:54 AM EDT
> > **To:** "Brown, Eric (GOV)" <BrownE15@michigan.gov>
> > **Subject: RE: Flint water issue**
> >
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From: Pallone, Maggie (DEQ)
Sent: Thursday, August 06, 2015 12:57 PM
To: Brown, Eric (GOV)
Subject: Re: Flint water issue

If it needs to be a careful conversation Brad should handle. If they just want facts, Steve can handle it.

On Aug 6, 2015, at 12:48 PM, Brown, Eric (GOV) <BrownE15@michigan.gov> wrote:

> You're suggesting I have both on the call?
>
> ---
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Senator Gary C. Peters
724 Hart Senate Office Building
Office: 202-224-6221

From: Johnson, Bentley (Peters) <Bentley_Johnson@peters.senate.gov>
Sent: Wednesday, August 19, 2015 11:17 AM
To: Brown, Eric (GOV)
Subject: Chat soon?

Hey Eric, hope you're enjoying August. Are you around to meet or get a team on the phone? I have a few things on my list to run down, including Flint water, Clean Power Plan reaction, and pipelines. I'm here today and tomorrow, then out for three business days, and back on Wednesday the 26th. Thanks!

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Bentley Johnson
Legislative Assistant
Senator Gary C. Peters
724 Hart Senate Office Building
Office: 202-224-6221

From: Johnson, Bentley (Peters) <Bentley_Johnson@peters.senate.gov>
Sent: Thursday, August 27, 2015 10:57 AM
To: Brown, Eric (GOV)
Subject: RE: Chat soon?

That would be great, are you free at 4pm?

-----Original Message-----
From: Brown, Eric (GOV) [mailto:BrownE15@michigan.gov]
Sent: Thursday, August 27, 2015 10:20 AM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>; Johnson, Bentley (Peters) <Bentley_Johnson@peters.senate.gov>
Subject: RE: Chat soon?

You still want to catch up today? My afternoon is flexible. Let me know

-----Original Message-----
From: Brown, Eric (GOV)
Sent: Wednesday, August 26, 2015 12:21 PM
To: 'Johnson, Bentley (Peters)' <Bentley_Johnson@peters.senate.gov>
Subject: RE: Chat soon?

Welcome back. I'm around all day. What's best for you?

-----Original Message-----
From: Johnson, Bentley (Peters) [mailto:Bentley_Johnson@peters.senate.gov]
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From: Johnson, Bentley (Peters) <Bentley_Johnson@peters.senate.gov>
Sent: Thursday, August 27, 2015 11:03 AM
To: Brown, Eric (GOV)
Subject: RE: Chat soon?

I have a call at 3. I could do 2:30 or 3:30 though.

-----Original Message-----
From: Brown, Eric (GOV) [mailto:BrownE15@michigan.gov]
Sent: Thursday, August 27, 2015 11:02 AM
To: Johnson, Bentley (Peters) <Bentley_Johnson@peters.senate.gov>
Subject: RE: Chat soon?

3 would be better for me, but I can make 4 work if necessary.

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From: Johnson, Bentley (Peters) [mailto:Bentley_Johnson@peters.senate.gov]
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To: Brown, Eric (GOV) <BrownE15@michigan.gov>
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Bentley Johnson
Legislative Assistant
Senator Gary C. Peters
724 Hart Senate Office Building
Office: 202-224-6221

From: Wurfel, Brad (DEQ)
Sent: Thursday, August 27, 2015 2:00 PM
To: Brown, Eric (GOV)
Subject: FW: [redacted] Draft

Letter to a very vocal resident that went out this week. This may be what Peters' office is wanting to discuss with you. This letter has some really useful info on lead and copper testing.
b

From: Shekter Smith, Liane (DEQ)
Sent: Monday, August 24, 2015 1:10 PM
To: Wurfel, Brad (DEQ)
Cc: Devereaux, Tracy Jo (DEQ); Busch, Stephen (DEQ); Benzie, Richard (DEQ); Sygo, Jim (DEQ); Shaler, Karen (DEQ)
Subject: RE: LeeAnn Walters Draft

When you say they should see it as well. Do you mean see the draft or be cc'd on the e-mail?

If the former, do you wish to share it with them?

From: Wurfel, Brad (DEQ)
Sent: Monday, August 24, 2015 11:22 AM
To: Shekter Smith, Liane (DEQ)
Cc: Devereaux, Tracy Jo (DEQ); Busch, Stephen (DEQ); Benzie, Richard (DEQ); Sygo, Jim (DEQ); Shaler, Karen (DEQ)
Subject: RE: [redacted] Draft

Comprehensive. Thanks for sharing this, Liane. Lots of important information here.
I'd suggest that Harvey Hollins and Dennis Muchmore need to see it as well.

b

From: Shekter Smith, Liane (DEQ)
Sent: Monday, August 24, 2015 10:37 AM
To: Wurfel, Brad (DEQ)
Cc: Devereaux, Tracy Jo (DEQ); Busch, Stephen (DEQ); Benzie, Richard (DEQ); Sygo, Jim (DEQ); Shaler, Karen (DEQ)
Subject: RE: [redacted] Draft

Brad – below is our draft response to [redacted] in followup to our meeting at the Governor's Office. Thought you might like to review the draft before we send it out. Also, is there anyone else that should see this before it is sent?

Dear [redacted],

I wanted to update you regarding our Department's findings related to questions raised during our meeting at the Governor's office on August 4. I apologize for the delay in getting back to you.

Lead and Copper Monitoring

Regarding Flint lead and copper compliance monitoring for the January – June 2015 period, the City has confirmed that all lead and copper samples collected throughout the City, whether routine sites or customer requests, were sent to the State of Michigan lab for analysis. Individual sample results are provided to the property owner within 30 days of receiving the lab results in accordance with the Michigan Safe Drinking Water Act (Public Act 399, 1976 Administrative Rule 410(5). Results from the State of Michigan lab are provided directly to our Office.

Staff have confirmed that the lead 90th percentile compliance calculation of 11 parts per billion is based on 69 samples that met the appropriate sampling location site criteria, and met the sample collection site and collection protocol requirements of the Safe Drinking Water Act for this monitoring period. A minimum of 60 samples were required for this monitoring period. As indicated during the meeting, the City's sampling for lead complies with the Action Level standard of 15 parts per billion, but based on the population served by the City and these results, the City will need to make a recommendation to the MDEQ on how they will fully optimize their corrosion control treatment. These next steps continue to follow the requirements of the Lead and Copper Rule.

Samples collected at your residence of [redacted] were not included this compliance determination as you utilize a whole home filter. As stated in the Michigan Safe Drinking Water Act (Public Act 399, 1976 Administrative Rule 710a, Lead and Copper in tap water; monitoring requirements) "Sampling sites may not include faucets that have point of use or point of entry treatment devices designed to remove inorganic contaminants." Such treatment alters the water chemistry and water quality such that it is no longer representative of public water from the City's distribution system. Therefore, the City cannot use samples collected at your residence as part of its determination for public water system compliance with the lead or copper action level standard.

<u>Sample Summary (samples taken at your residence)</u>

For your information, we are providing the information that we've gathered regarding samples collected at your home. Our records indicate between February and June of this year there were six samples collected by either you or Mr. Mike Glasgow with the City of Flint, and submitted to the State Laboratory for analysis as follows:

February 11, Bathroom tap, collected at 10:20 AM by Mike Glasgow. This sample was analyzed for aesthetic metals (copper, iron, manganese, and zinc) which does not include lead analysis.

February 18, Kitchen tap, collected at 7:15 AM by you. This sample was analyzed for lead (104 parts per billion) and copper (non-detect).

February 25, Kitchen tap, collected at 10:26 AM by Mike Glasgow. This sample was analyzed for metals including lead. All results (including lead) were non-detect except for Barium 0.01 parts per million. The result for Barium was well below its maximum contaminant level of 2 parts per million.

March 3, Kitchen tap, collected at 6:00 AM by you. This sample was analyzed for lead (397 parts per billion) and copper (non-detect).

March 18, Kitchen tap, collected at 11:10 AM by Mike Glasgow. This sample was analyzed for lead (4 parts per billion) and copper (non-detect).

April 2, Pre-point of service, collected at 8:00 AM by you. This sample was analyzed for lead (707 parts per billion) and copper (110 parts per billion).

<u>Lead Education/Outreach</u>

As we discussed during the meeting, we support efforts to educate homeowners about the sources of lead in their private residence, provide guidance measures to reduce the potential for lead exposure, and provide information on

resources for lead abatement. Along those lines, our Office has been in contact with the Department of Health and Human Services, Environmental Health Division, Healthy Homes Section and had some preliminary discussions about a public education and assistance campaign regarding household lead issues, guidance and abatement.

Lead monitoring by public water systems serves a dual purpose. The first purpose is to ensure the public water supply is adequately treating its water to address corrosion potential and help limit lead exposure. The second purpose is to inform homeowners about lead levels within their individual residence so that they can make educated choices regarding their own exposure risk.

pH Results

During the meeting concerns were also expressed regarding pH levels within customer plumbing systems. As you may know, pH has no associated contaminant level as it is simply a numeric scale used to specify the acidity or alkalinity of a solution. The City of Flint conducts daily monitoring of pH values on both its raw and finished (treated) water at the City's water treatment plant as part of its operations. The City is also required to conduct water quality parameter monitoring in the distribution system, which includes pH. Samples are analyzed in accordance with Standard Methods using properly calibrated analytical equipment. Results for pH from these samples are summarized below.

Since late April 2014 – June 2015, the following pH conditions were reported:

Water Treatment Plant – Finished Water plant tap pH range = 7.07 minimum to 9.9 maximum, overall average 7.7, measured daily. We believe the 9.9 is a one- time anomaly from softening treatment.

Distribution System – Water Quality Parameters taken from 25 sample sites located throughout and monitored quarterly
July – Sept. 2014: pH 7.71 average, range 7.56 – 7.86
Oct. – Dec. 2014: pH 7.88 average, range 7.62 – 8.10
Jan. – March 2015: pH 7.81 average, range 7.60 – 7.99
April – June 2015: pH 7.63 Average, range 7.48 – 7.80

In addition, the City's treated water contains alkalinity, which is a measurement of the buffering capacity of water to resist a change in pH. As you can see from the water quality parameter monitoring results above there has been very little change in pH within the City's distribution system. The pH levels described within customer site piping or premise plumbing systems are believed to be the result of onsite treatment and not representative of water quality shown to be occuring in the public water supply system.

Consumer Confidence Report

Finally, there was confusion during the meeting regarding the City's annual water quality report, the Consumer Confidence Report which we have since been able to clarify.

The City of Flint issued two separate Consumer Confidence Reports (CCR's) in 2015 covering the water quality data from 2014. One report was for the period of January – April 2014 when the City was obtaining water from Detroit (DWSD). And a second report was for the period April – December 2014 when the City was using the Flint River and its own Water Treatment Plant.

The CCR for DWSD water was mailed to customers in June. The Flint River based CCR was mailed to customers in mid-July, delayed due to issues with the printing contractor. We agree that having two separate reports caused confusion. We are working with the City to ensure both reports are posted to the City's website and both are made available when requested by customers. Should the City choose to create separate CCR's during the year that the City of Flint connects to the Karegnondi Water Authority we will work with the City to provide more clarity and try to have all material included in a single mailing.

The DWSD based CCR is the one community members had at the meeting, while the DEQ brought a copy of the Flint River based CCR. As separate and distinct sampling was done under each source, this explains the discrepancy in the values and monitoring periods being reported in the respective CCR's.

We appreciate your interest in these matters and hope this has addressed many of the questions brought up during our meeting. I would like to provide this information to both Dr. Sullivan and [redacted] but I do not have their contact information. I'm hoping you can share this with them and any others that may be interested.

Sincerely,

From: Wurfel, Brad (DEQ)
Sent: Thursday, August 27, 2015 2:00 PM
To: Brown, Eric (GOV)
Subject: FW: Flint water backgrounder
Attachments: Flint water backgrounder.docx; Independent Water Analysis.PDF; Briefing Flint grant announcement.docx; City of Flint PbCu15 8_17_15.pdf

The backgrounder is old. Early stuff. Has good info though.

From: Wurfel, Brad (DEQ)
Sent: Friday, January 30, 2015 2:45 PM
To: Muchmore, Dennis (GOV); Murray, David (GOV); 'Wurfel, Sara (GOV) (Wurfels@michigan.gov)'
Cc: Agen, Jarrod (GOV); Brown, Jessica (GOV)
Subject: Flint water backgrounder

Here's my backgrounder on Flint. Share as appropriate. Key messages at the end.
b

DEQ BACKGROUNDER: FLINT WATER

Following the formal approval of Flint into the KWA in 2012, DWSD sent Flint a letter saying their contract was thereby terminated (by early 2013).

Genesee County has been using DWSD water without a contract since May 2014. But Flint took the letter to imply a water cutoff, and promptly turned to DEQ with a proposal to use the Flint River (their historic backup system).

This proposed shift was pitched primarily as a money saver. But it put the city in the business of water production, where they historically had been in the business of water transmission. DEQ approved the use of the river as a source, based on the treatment plant's past performance as a standby facility and the improvements we outlined prior to a switchover.

Several municipalities around the state use surface water supplies (rivers): Blissfield near Monroe, Manistique, and Alma to name a few.

The city completed the upgrades at the water plant the facility and DEQ approved it April 2014.

There were some initial hiccups. Last summer, there were a couple of 'boil water' notices issued. One for a water test that showed e. coli, one for a break in the water main.

The challenge to using the Flint River as a source is that the condition of the water is variable and changes with season and weather. It has substantially more organic matter than deep lake sources like Lake Huron. This organic matter is mobilized by high water events, and warm weather also can account for more organic material in the water.

The treatment of the organic matter is done with chlorine. One might conclude that the continual answer is just to use more chlorine to achieve water safety. However, at some point on the continuum, the chlorine and organic matter create TTHM – total trihalomethanes – as a byproduct. When the standard for those is exceeded over several consecutive quarters of testing, the supply is required by law to issue public notice and submit an approved plan for addressing the situation.

You'll note that this regulatory approach means TTHM testing is done quarterly. That means people who use the system are exposed to TTHM for several months before the public notice is required. It's because TTHM is a chronic health threat. Over the long term (measured in decades), continued exposure can contribute to some known health problems. If this were an immediate health

threat, customers would receive immediate notification to boil their water or not use it.

Put in context, the EPA (who established the standard and the rule) estimates the existence of the TTHM standard prevents an estimated 280 bladder cancer cases each year … out of more than 330 million people who use public water supplies around the country.

It's not "nothing." State and federal law requires quarterly testing for TTHM and that the public be informed of it when the annual average of four quarters' worth of consecutive testing shows TTHM levels exceeding 80 parts per billion. Flint's results managed to exceed the annual average in three quarters, and they must develop a plan to address it.

But it's not like an eminent threat to public health. Unlike an e. Coli or even total coliform bacteria maximum contaminant level, which require immediate public notification and response and are part of daily / hourly testing of public water supplies, TTHMs pose a public health concern with chronic, long-term exposure.

It's clear the nature of the threat was communicated poorly. It's also clear that folks in Flint are concerned about other aspects of their water – taste, smell and color being among the top complaints.

The Safe Drinking Water Act requires public water supplies be tested for more than 90 regulated contaminants, including microbial contaminants. The act, and the program here in Michigan, work to ensure that water is safe to drink. The act does not regulate aesthetic values of water. Here are some factors affecting the aesthetics of water in Flint.

1. It's the Flint River. The water supplied by DWSD historically came from Lake Huron. It's softer. With hard water, you get a different flavor and feel. It's why General Motors suspended use of Flint Water – it was rusting their parts. Also, there's the 'organics' factor (discussed previously).

2. The system is old. Flint has more than 500 miles of water pipes. More than half of those pipe miles are more than 75 years old. Much of it is cast iron. Hard water can react with cast iron and exacerbates the rusty factor, which creates that brown water that angry residents were holding up in jugs for the media cameras last week. Valve failure has also been a key challenge. The system has an estimated 7,500+ valves. When they stick open or stick shut, it affects the hydraulics of the system and increase areas of stagnation. The city has a backlog of valves that need to be addressed. They've done half a dozen or so since November.

3. Flint is old. Many of the homes served by the system are old. Brown water complaints may also be attributable to cast iron pipes in customers' service connection to the city lines. The DEQ has been encouraging people with water coloration concerns to contact the city and see whether it is the service line or the City's line causing the issue. Again, discoloration is not an indicator of water quality or water safety, but we recognize that nobody likes it.

In summary, the City of Flint has tremendous need to address its water delivery system. We are not aware that they have any Capital Improvement funds for preventative maintenance in place, much less line replacement project monies that will require hundreds of millions.

The City was approved for a Revolving Fund loan in 2008 or 2009. As a Distressed Community, they qualified for flexible terms and 2 percent interest rate Revolving Fund Loan. After they were notified they were approved for the loan, they declined it. Previous SRF loans from the state to Flint bear an outstanding balance of $20.7 million today.

The DEQ continues working with the city to address the TTHM issue. They can take interim steps – from scrubbing the insides of transmission lines to carefully monitoring the hydraulic challenges in their system – to address customers' aesthetic concerns. Their TTHM numbers already are showing dramatic improvement; the November testing showed only one of seven sample points exceeding the standard.

The key now is that the standard is an average of three quarters' worth of results. It will be some time before they are officially "not in violation." However, depending on weather in 2015, it's not unforeseeable that we will be having this conversation again by next Christmas.

The key to the conversation is that TTHM is not a top health concern. That's key because residents need to understand TTHM in context, and it is key because it appears the mayor has seized on the public panic (sparked, frankly, by their poor communication of the violation notice) to ask the state for loan forgiveness and more money for their infrastructure improvement.

Another key thing to remember is that once the city connects to the new KWA system in 2016, this issue will fade in the rearview.

Key messages:

1. The DEQ Drinking Water program works with communities around the state to ensure that municipalities provide customers with clean, safe drinking water.

2. Municipal water supplies are tested rigorously and regularly for more than 90 regulated contaminants, including microbial contaminants that pose an immediate public health concern.
3. Flint's exceedance of the TTHM standard should reassure residents that the testing program is effective.
4. TTHM is not an immediate health threat. It is a chronic concern, one that can be problematic over the course of several decades of exposure. The public was notified because the law requires the city to make public notification, so that everyone can make informed decisions. This is particularly true for people with infants or those with compromised immune systems.
5. The DEQ is working with the City to address the situation. Recent tests show the TTHM numbers dropping rapidly. The department will continue working with the city in the months ahead, and residents should feel confident that their water is safe to drink unless the DEQ or City notifies them otherwise.
6. The discoloration and odor issues some Flint residents are experiencing are separate issues from the TTHM issue. TTHM is odorless, colorless and measured in parts per billion.
7. Flint water customers who have questions or concerns about their water should first contact the city to get answers and help. They also can contact the Michigan DEQ.

Waste Water Flow Device
Hand Held Industrial Meas.urement With Clamp-On Sensors & Readout.

ABC12 Investigates: What's in your water?

Posted: Jan 29, 2015 3:38 PM EST
Updated: Jan 29, 2015 11:54 PM EST

By Larry Elliott CONNECT

FLINT (WJRT) - (01/29/15) - The results are in and we now have a completely independent look at what's in Flint's water supply.

For months, since Flint switched from a Detroit water supply to the Flint River as it's water source, Flint water customers have complained of smelly, cloudy, bad tasting water and blame it for a variety of health problems.

Complaints exploded earlier this month when Flint notified its water customers that a group of chemicals known as TTHM were at much higher average levels than allowed by law.

With so many questions and distrust of the answers, ABC12's Larry Elliott investigates - What's in your Water?

It seems no matter who you ask in the Flint area, there's an opinion about the city's water. Most of the issues center on the quality of the water and whether it's safe to drink.

"Right now it smells," said Flint resident Lee Miller. "We're getting water out of our own back yard now and it's costing me double what it was coming from Detroit."

"It has a funny taste to it," said Flint resident Milton Alexander.

"It could be dangerous to us, actually I don't know how dangerous it is," said Flint resident Shanika Sanders.

"I'm no cheerleader for the water department here, I think we've got a lot of issues to work on," Ken VanWagoner, of Good Beans Cafe - Flint.

Most of the issues center on the quality of the water and whether it's safe to drink, but concern over its safety reached a new high earlier this month when the city was required by the state Department of Environmental Quality to notify residents that the water had exceeded the allowable limit of a group of chemicals known as TTHM.

TTHM is in most municipal water systems and is thought by some to be a possible carcinogen in long term exposure.

It's a byproduct of chlorination, which is commonly used to help purify water. Last August, as Flint's water treatment plant worked to purify the water it was drawing from the Flint River, levels of TTHM grew to well over the EPA allowed maximum.

August test results provided by the DEQ to ABC12 show all of the eight testing sites around Flint had TTHM levels well above the legal limit.

The lowest level among the eight sites was 40 percent above the legal limit. The highest was 145 percent

more than allowed.

DEQ rules only require the city to report higher than allowed levels to the public once a year, and only if the average of quarterly tests is higher than the legal limit.

That notification went out to residents on Jan. 5. Since then, many residents have refused to believe assurances from the DEQ and the city that the water is now safe to drink.

So, we set out to do complete and independent testing to find out for ourselves exactly what's in your water.

It took a bit of research, but we finally found Water Tech, in Howell, a testing lab with absolutely no ties to Flint, just to make sure there are no questions about the test results.

After having Water Tech train ABC12's Larry Elliott on the proper methods for collecting water samples, we set out last week to randomly test five sites in Flint.

1. Downtown.

"I'm excited to see this done because this is an independent way to find out that everything's just fine," VanWagoner said.

2. The north side.

"We'd like to do kind of a whole battery of tests of your water. Oh yeah," Alexander said.

3. The west side.

"It could be dangerous to us. How about if we help you find out what's in it right now?" Sanders said.

4. The east side.

"I'm hoping for a good test and put my family at ease," Miller said.

5. Our main studio, on the south side.

We also wanted to compare whatever we're to find with Detroit supplied water, so we took a sample from the Burton water system.

Since next year Flint will connect to the new KWA pipeline, getting its water from Lake Huron, we took a comparison sample from the Saginaw-Midland water system, which currently uses Lake Huron water.

We tested all the sites for levels of TTHM. We also tested how much residual chlorine was in the Flint and Burton water supply and more importantly, we tested at two of our Flint sites for a number of other hazardous chemicals that could cause skin or other health problems.

Tests for those other chemicals are not required for public water systems, but we decided to run those tests anyway.

Here's what our independent testing shows:

All sites tested, including the Saginaw-Midland water system and the Burton system, using Detroit water, contained TTHM - but all of them were well below the EPA allowed maximum.

Saginaw-Midland water had less than a third of the maximum TTHM allowed, the Burton system had only about 25 percent of the maximum and the highest level found of all of our Flint tests showed just over 65 percent of what's allowed, all below EPA limits.

A similar byproduct of chlorination, haloacetic acids, was also well below EPA maximums in Flint's water.

We tested Flint's north and east water samples for many other hazardous chemicals that a doctor told us could cause skin or other health problems, and on both tests, not a single one of those chemicals was detected.

Since most often any smell to the water would be caused by levels of total residual chlorine, we tested that too, in both our Flint and Burton samples.

The legal limit is 4 milligrams per liter. The average of our Flint samples shows a level of about a half milligram per liter. Our test in Burton actually shows 22 percent more residual chlorine than Flint.

Our Flint sample also showed no Coliform bacteria.

We asked Chris McCarthy, of Water Tech, a few questions.

Q: How would you describe these test results?

A: "Well, for the samples received, the tests we performed, everything is within EPA guidelines for safe drinking water."

Q: Is there anything in these results that raises a red flag for you?

A: "For water quality or water safety, No."

We then asked residents if these results change their opinion of what they'll do with their water now.

"To be honest, no," Alexander said.

"It will make me feel a lot more comfortable about bathing and brushing my teeth in it, but I'm still not going to drink it and I'm not gonna give it to my kids or my dog," Sanders said.

"It makes me feel a lot more safer, a lot more comfortable knowing that it's safe to drink now, you know. I'll tell you a load lifted off my shoulders. When the kids take baths, when my wife takes a shower, you know, I know now we're safe," Miller said.

So what about those who've stood before Flint City Council with jugs of discolored water?

While Genesee County Drain Commissioner Jeff Wright points out he has no jurisdiction over Flint's water system, he says in general, discolored water like this is nearly always the result of water main breaks or repairs, and Flint has more than its share because of its aging system.

Wright also says the KWA pipeline won't change that. It will take better management of repairs and money - lots of it - to replace Flint's aging water mains.

Unfortunately for the city of Flint, those very high levels of TTHM recorded last August in Flint water tests are still required by the DEQ to be included in the next report calculating average TTHM levels.

The next test will be done next week, and city Public Works Director Howard Croft tells ABC12, because of the high levels last August, the city will again be found in violation and will be required by the DEQ to send out another TTHM notice of violation to all Flint water customers in early March, even if all new tests show levels under the legal limit.

To view the TTHM testing results from the Michigan DEQ, click HERE.

To view the results of ABC12's water tests, click on the location you'd like to see results for below:

Flint Center

Flint North

Flint East

Flint South

Flint West

Burton

Saginaw-Midland

To view the Michigan DEQ results for South Flint, click HERE.

Briefing: Grant announcement in Flint

Tuesday, Feb. 3, 2015, 3-4 p.m.
Haskell Community Center, 2201 Forest Hills Ave. Flint
Governor's communications: Dave Murray, murrayd1@michgian.gov, [redacted]
DEQ communications: Brad Wurfel, wurfelb@michigan.gov, [redacted]
Treasury communications: Terry Stanton, stantont@michigan.gov, [redacted]

Purpose

The state government is providing support for the Flint government as it addresses issues with its water system. The state on Tuesday is announcing that Flint is receiving two grants totaling $2 million related to water system improvements through the Financially Distressed Cities, Villages and Townships grant program. DEQ Director Dan Wyant will address ongoing efforts with his agency to test Flint water and explain why the city is facing some of its problems. Senate Minority Leader Jim Ananich, D-Flint, will discuss his appreciation for the ongoing support for the city and its residents.

Attending

- Harvey Hollins, director of the Michigan Office of Urban Initiatives
- Dan Wyant, director of the Michigan Department of Environmental Quality
- Wayne Workman, deputy treasurer, Michigan Department of Treasury
- Jerry Ambrose, Flint emergency manager
- Dayne Walling, Flint mayor
- State Sen. Jim Ananich
- State Rep. Sheldon Neeley
- State Rep. Phil Phelps

Agenda

3:00 PM – 3:05 PM:	Harvey Hollins announces that Flint has received two grants totaling $2 million.
3:05 PM – 3:10 PM:	Dan Wyant discusses the state's ongoing role in monitoring Flint's water and any assistance that has been provided and will continue to be provided.
3:10 PM – 3:15 PM:	Mayor Dayne Walling remarks about appreciation for state assistance.
3:15 PM – 3:20 PM:	Sen. Jim Ananich remarks about appreciation for state assistance.
3:20 PM – 3:25 PM:	Rep. Neeley remarks.
3:25 PM – 3:35 PM:	Harvey Hollins closing remarks, opens floor to media questions.
3:35 PM	Event ends, though this might be optimistic.

Background

- The quality of Flint water has been a high-profile concern in recent weeks, with residents complaining about the color, taste and smell of tap water since a switch to Flint River water as a temporary source as a pipeline is built to Lake Huron as a water source starting in 2016.
    - Residents have attended meetings with jugs of brownish water.
    - U.S. Kildee has worked with labor and community groups to distribute bottled water.
- Mayor Walling has issued a letter (included below) calling for state and federal assistance for the city, including forgiveness of some $20 million in debt through the Drinking Water Revolving Loan Fund and calling for the governor to come to Flint personally.
    - Walling also submitted a guest column to the Flint Journal with similar requests.

        - He said the loan forgiveness is needed for the city to upgrade its water treatment process.
    - Governor and Mayor Walling had a telephone conversation on Friday, and the mayor has pledged to work together on solutions.

- Rep. Sheldon Neeley also has sent the governor a letter, saying that his constituents "are on the verge of civil unrest."

- The Department of Environmental Quality has been monitoring the water situation, with a detailed backgrounder and talking points attached below.

- The Treasury Department is announcing Tuesday that Flint is among the cities receiving a combined $8 million the Financially Distressed Cities, Villages and Townships grant program.
    - The announcement of the other grants will follow the Flint announcement.
        - The Flint grants are $1.1 million to allow the city to replace the functions of the old incinerator with new water pollution control facility allowing for the disposal of waste to landfills.
        - The other is $900,000 to allow the city to hire a contractor to perform a leak detection survey, which will lead to prioritizing repairs.
    - A breakdown of the grants is included below.

Treasury breakdown of Flint grants

Flint Incinerator: The grant project entails shutting down the current Water Pollution Control Facility Incinerator (due to the incinerator not being up to new EPA standards). In order to meet EPA standards, it would cost roughly $8.8M in upgrades to the current incinerator. The grant funding will allow them to replace the functions of the old incinerator by constructing new facilities which will allow for the disposal of waste to landfills.

Budget Breakdown	
Construction Contractor	$1,050,000
Project Management	$50,000
Total	$1,100,000

Flint Leak Detection: The grant project will allow the city to hire a contractor to perform a leak detection survey of the city water lines. The city will receive a map of leak locations and an assessment of leak severity. This data will allow the city to prioritize leak repair. The project also covers the expense of conducting a water pipe line wall thickness condition assessment on a portion of the city's pipes. The assessment will guide the city's water main replacement program.

Budget Breakdown	
Project Planning	$90,000
Mobilization of Crew to Site	$27,000
Leak Detection < 16" diameter	$378,000
Leak Detection 16" diameter or >	$270,000
Pipe Condition Assessments	$135,000
Total	$900,000

DEQ backgrounder on Flint water

Following the formal approval of Flint into the KWA in 2012, DWSD sent Flint a letter saying their contract was

thereby terminated (by early 2013).

Genesee County has been using DWSD water without a contract since May 2014. But Flint took the letter to imply a water cutoff, and promptly turned to DEQ with a proposal to use the Flint River (their historic backup system).

This proposed shift was pitched primarily as a money saver. But it put the city in the business of water production, where they historically had been in the business of water transmission. DEQ approved the use of the river as a source, based on the treatment plant's past performance as a standby facility and the improvements we outlined prior to a switchover.

Several municipalities around the state use surface water supplies (rivers): Blissfield near Monroe, Manistique, and Alma to name a few.

The city completed the upgrades at the water plant the facility and DEQ approved it April 2014.

There were some initial hiccups. Last summer, there were a couple of 'boil water' notices issued. One for a water test that showed e. coli, one for a break in the water main.

The challenge to using the Flint River as a source is that the condition of the water is variable and changes with season and weather. It has substantially more organic matter than deep lake sources like Lake Huron. This organic matter is mobilized by high water events, and warm weather also can account for more organic material in the water.

The treatment of the organic matter is done with chlorine. One might conclude that the continual answer is just to use more chlorine to achieve water safety. However, at some point on the continuum, the chlorine and organic matter create TTHM – total trihalomethanes – as a byproduct. When the standard for those is exceeded over several consecutive quarters of testing, the supply is required by law to issue public notice and submit an approved plan for addressing the situation.

You'll note that this regulatory approach means TTHM testing is done quarterly. That means people who use the system are exposed to TTHM for several months before the public notice is required. It's because TTHM is a chronic health threat. Over the long term (measured in decades), continued exposure can contribute to some known health problems. If this were an immediate health threat, customers would receive immediate notification to boil their water or not use it.

Put in context, the EPA (which established the standard and the rule) estimates the existence of the TTHM standard prevents an estimated 280 bladder cancer cases each year … out of more than 330 million people who use public water supplies around the country.

It's not "nothing." State and federal law requires quarterly testing for TTHM and that the public be informed of it when the annual average of four quarters' worth of consecutive testing shows TTHM levels exceeding 80 parts per billion. Flint's results managed to exceed the annual average in three quarters, and they must develop a plan to address it.

But it's not like an eminent threat to public health. Unlike an e. Coli or even total coliform bacteria maximum contaminant level, which require immediate public notification and response and are part of daily / hourly testing of public water supplies, TTHMs pose a public health concern with chronic, long-term exposure.

It's clear the nature of the threat was communicated poorly. It's also clear that folks in Flint are concerned about other aspects of their water – taste, smell and color being among the top complaints.

The Safe Drinking Water Act requires public water supplies be tested for more than 90 regulated contaminants, including microbial contaminants. The act, and the program here in Michigan, work to ensure that water is safe to drink. The act does not regulate aesthetic values of water. Here are some factors affecting the aesthetics of water in Flint.

1. It's the Flint River. The water supplied by DWSD historically came from Lake Huron. It's softer. With hard water, you get a different flavor and feel. It's why General Motors suspended use of Flint Water – it was rusting their parts. Also, there's the 'organics' factor (discussed previously).
2. The system is old. Flint has more than 500 miles of water pipes. More than half of those pipe miles are more than 75 years old. Much of it is cast iron. Hard water can react with cast iron and exacerbates the rusty factor, which creates that brown water that angry residents were holding up in jugs for the media cameras last week. Valve failure has also been a key challenge. The system has an estimated 7,500+ valves. When they stick open or stick shut, it affects the hydraulics of the system and increase areas of stagnation. The city has a backlog of valves that need to be addressed. They've done half a dozen or so since November.
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In summary, the City of Flint has tremendous need to address its water delivery system. We are not aware that they have any capital improvement funds for preventative maintenance in place, much less line replacement project monies that will require hundreds of millions.

The City was approved for a Revolving Fund loan in 2008 or 2009. As a Distressed Community, they qualified for flexible terms and 2 percent interest rate Revolving Fund Loan. After they were notified they were approved for the loan, they declined it. Previous SRF loans from the state to Flint bear an outstanding balance of $20.7 million today.

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The key now is that the standard is an average of three quarters' worth of results. It will be some time before they are officially "not in violation." However, depending on weather in 2015, it's not unforeseeable that we will be having this conversation again by next Christmas.

The key to the conversation is that TTHM is not a top health concern. That's key because residents need to understand TTHM in context, and it is key because it appears the mayor has seized on the public panic (sparked, frankly, by their poor communication of the violation notice) to ask the state for loan forgiveness and more money for their infrastructure improvement.

Another key thing to remember is that once the city connects to the new KWA system in 2016, this issue will fade in the rearview.

Key messages:

1. The DEQ Drinking Water program works with communities around the state to ensure that municipalities provide customers with clean, safe drinking water.
2. Municipal water supplies are tested rigorously and regularly for more than 90 regulated contaminants, including microbial contaminants that pose an immediate public health concern.
3. Flint's exceedance of the TTHM standard should reassure residents that the testing program is effective.
4. TTHM is not an immediate health threat. It is a chronic concern, one that can be problematic over the course of several decades of exposure. The public was notified because the law requires the city to make public notification, so that everyone can make informed decisions. This is particularly true for people with infants or those with compromised immune systems.
5. The DEQ is working with the City to address the situation. Recent tests show the TTHM numbers dropping rapidly. The department will continue working with the city in the months ahead, and residents should feel confident that their water is safe to drink unless the DEQ or City notifies them otherwise.
6. The discoloration and odor issues some Flint residents are experiencing are separate issues from the TTHM issue. TTHM is odorless, colorless and measured in parts per billion.
7. Flint water customers who have questions or concerns about their water should first contact the city to get answers and help. They also can contact the Michigan DEQ.

Mayor Walling's Facebook post

Friend,

Access to clean, safe, affordable water is a basic human right.

That's why I just sent Gov. Snyder my Flint Water Improvement Plan. It focuses on the areas of safety, quality, access, investment and education. My letter urges the governor to quickly implement these ideas so that Flint's water is 100% safe.

Please contact Gov. Snyder by calling (517) 335-6397 (or by clicking here) and ask him to take action immediately to implement my plan and ensure Flint's water is safe.

My plan offers new ideas and also builds on successful models of utility, energy and assistance programs at the state and federal levels. Here is my plan:

Safety & Quality

- 100% Safety is the standard
- City of Flint releases testing data to assure safety and expands testing to households with support from the Michigan Department of Environmental Quality
- Support alternatives for those advised not to drink the water by their doctors through the Michigan Health Endowment Fund and community partners to protect the vulnerable like seniors and infants
- Bring on experienced river water treatment operational management in the City of Flint
- Require water testing data to be released quarterly by law in all Michigan communities

Access

- Announce an amnesty program for turn-ons and reduce the turn-on cost in Flint
- Develop a revised payment plan policy to allow customers to come back on to the Flint system
- New Federal and State partnership to establish new Drinking Water Emergency Assistance Fund for customers (modeled on Federal and State energy utility programs: Low Income Home Energy Assistance Program; Michigan Energy Assistance Program; State Emergency Relief)

Investment

- Accelerate water system improvements outlined in the City of Flint Capital Improvement Plan through Federal and State Investments
- State approves City of Flint's Distressed Cities Fund applications
- Federal and State forgiveness of payment to Drinking Water Revolving Loan Fund
- Federal and State financing for future improvements
- City Water Department implements budgeted FY15 projects including leak detection, valve repairs, new pipes and meter replacements

Education

- Develop a community partnership to provide household and business customers with information on testing and conservation
- Ongoing partnership with Michigan Department of Human Services, United Way, Salvation Army and community organizations to provide information on water assistance
- Expand youth energy initiative to assist households with conservation and efficiency (piloted in summer 2014 with Northwestern High School students, EcoWorks and Consumers Energy)

The struggle with our water has gone on for too long. The state must take action and do its part. Please ask Gov. Snyder to take action immediately to implement my plan and ensure Flint's water is safe. Thank you for your ongoing support.

Links to coverage

- Mayor, governor have 'long, productive' talk about Flint's water problems, Jan. 30
- 2,000 more gallons of water headed to Flint for giveaway, Jan. 30, 2015
- Flint emergency manager says there are two big reasons not to reconnect Detroit water, Jan. 29
- Flint Democracy Defense League plans four meetings on city's water problems, Jan. 29
- Environmentalist sends out new warnings about Flint water, NBC, Jan. 27
- Erin Brockovich says on Facebook she's prepared to come to Flint, MLive, Jan. 27
- Mott Community College not waiting for Flint to ensure safe water, MLive, Jan. 26
- Detroit water chief says she's willing to sell emergency water to Flint -- no strings attached, Jan. 26
- Mayor says governor needs to visit Flint to see water crisis first hand, MLive, Jan. 26
- Need water? Flint groups collect 600 cases, plan distribution this week, MLive, Jan. 26
- Incoming Flint water expert would have 'continual oversight' until new pipeline connected, Jan. 25
- Looking back at Flint's water problems (photo gallery), MLive, Jan. 25
- Flint water problems: Switch aimed to save $5 million -- but at what cost?, MLive, Jan. 23
- State says its already 'working diligently' on Flint's water problems, MLive, Jan. 22
- Officials say Flint water is getting better, but many residents unsatisfied, MLive, Jan. 21

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING DISTRICT OFFICE

RICK SNYDER
GOVERNOR

DAN WYANT
DIRECTOR

August 17, 2015

Mr. Brent Wright
City of Flint - DPW
Flint Water Plant
4500 North Dort Highway
Flint, Michigan 48505

Dear Mr. Wright:

SUBJECT: Flint, City of WSSN: 02310
Lead and Copper Monitoring of Drinking Water Taps

The Department of Environmental Quality (DEQ), Office of Drinking Water and Municipal Assistance (ODWMA), received your report for the monitoring period January 1, 2015, through June 30, 2015.

Action Levels	Results this monitoring period			
	90th Percentile	# of Samples Above Action Level	# of Samples Required	# of Samples Collected
Lead 15 parts per billion (ppb)	11 ppb	6	60	69
Copper 1.3 parts per million (ppm)	0.16 ppm	0	60	69

Ninety percent or more of the sites you tested are within action levels under the administrative rules promulgated under the Michigan Safe Drinking Water Act, 1976 PA 399, as amended (Act 399). These results must be reported on your 2015 Consumer Confidence Report (CCR) due to our office, your customers, and the local health department, by July 1, 2016. Also include the following statement in the CCR, regardless of the lead and copper levels:

> *If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The City of Flint is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at 1-800-426-4791 or at http://www.water.epa.gov/drink/info/lead.*

Recent changes to the Lead and Copper Rule (LCR) require the water supply to provide individual lead tap results to people who receive water from sites that were sampled, even if lead was not detected, within 30 days of learning of results. You must also send us a certification that you met all the delivery requirements along with a sample copy of your customer notice by three months after the end of the monitoring period. To download the *Lead and Copper Report and Consumer Notice of Lead Result Certificate* in Microsoft Word or PDF format, visit http://www.michigan.gov/deq. Click on Water, Drinking Water, Community Water Supply, and Reporting Forms under the Manuals, Forms and Brochures heading. Water supplies that fail to distribute the Consumer Notice of Lead Results must include the following statement in their CCR, "During the year, we failed to provide lead results to persons served at the sites that were tested as required by the Lead and Copper Rule."

While the City's LCR compliance monitoring has continued to meet action level requirements, the LCR also requires all large systems (those serving over 50,000 people) to optimize corrosion control regardless of their 90th percentile lead concentration. One way to demonstrate fully optimized corrosion control treatment is through two consecutive six month rounds of LCR compliance monitoring in which the difference between the 90th percentile level and the highest source water lead concentration is less than the Practical Quantitative Level for lead (0.005 milligrams per liter). Since the City did not meet these criteria in both the July – December 2014, and January – June 2015, sampling periods, the City must now recommend a treatment to fully optimize corrosion control treatment within six months in accordance with requirements under Act 399, Administrative Rule 604f (R 325.10604f). **This recommendation must be provided to our office as soon as possible, but no later than January 1, 2016**.

However, given the past use of phosphate treatment by the Detroit Water and Sewerage Department (DWSD) to fully optimize corrosion control treatment when the City was a wholesale customer of DWSD, the ODWMA recommends the City select this as its recommended treatment option, and begin implementation as soon as possible to address ongoing concerns by customers regarding lead levels within their premise plumbing systems. Under the second step of this Rule, the DEQ can specify optimal corrosion control treatment.

Our office will inform you when monitoring needs to be conducted as part of the optimization of the implemented corrosion control treatment. Customer requested samples for lead shall continue to be collected and analyzed. Please make every attempt to select the same sites used in the previous monitoring period, giving Tier 1 sites first priority. If original sites are unavailable, select replacement sites based on the Tier 1, 2, and 3 criteria.

Please contact me at 517-284-6644 or rosenthala@michigan.gov at your earliest convenience to discuss how the City will be complying with the above requirements.

Sincerely,

Adam Rosenthal, Environmental Quality Analyst
Lansing District Office
Office of Drinking Water and Municipal Assistance

cc: Mr. Michael Glasgow, City of Flint

From: Wurfel, Brad (DEQ)
Sent: Thursday, August 27, 2015 3:15 PM
To: Brown, Eric (GOV)
Subject: RE: [redacted] Draft

Don't know what it is, but I know what it's not. The key to lead and copper in drinking water is that it's not in the source water, or even the transmission lines (most of which are cast iron). It's in the premise plumbing (people's homes). The reason statute requires operators of large systems to test for lead & copper in homes when they switch sources is because large systems inevitably means old neighborhoods, where there's likely a lead connection line to the homes or lead pipes in the premise plumbing (or lead in the solder of copper lines installed before the mid-1990s), and what we're checking for is whether the Ph of the new source water is mobilizing lead in the pipes.

Ironically, the leading fix for it is adding phosphate (ironic because we're fighting to reduce phosphorus in surface water all over the state, but particularly in the Western Lake Erie Basin). The phosphate smooths the water and reduces the interaction.

In accordance with statute, we sent Flint a letter early this month saying they passed muster on the two required rounds of lead and copper tests, but we still want them to 'optimize' their system (phosphates). By law, they now have 18 months to create an optimization plan, and something like two years thereafter to implement that plan. But they're going to switch sources again in June / July of next year, which starts the whole process over again. Such is the wisdom and flexibility of the federal statute …

This person is the one who had EPA lead specialist come to her home and do tests, then released an unvetted draft of his report (that EPA apologized to us profusely for) to the resident, who shared it with the ACLU, who promptly used it to continue raising hell with the locals.

Bottom line is that folks in Flint are upset – because they pay a ton for water and many of them don't trust the water they're getting – and they're confused, in no small part because various groups have worked hard at keeping them confused and upset. We get it. The state is trying like mad get the word out that we're working on every aspect of the health safety of local water that we can manage, and the system needs a lot of work (because the city didn't do any discernable maintenance for nearly 40 years and the transmission lines are falling apart), but it's been rough sledding with a steady parade of community groups keeping everyone hopped-up and misinformed.

Tell me what I can do to help you with the Peters' meeting, or anything else.
b

From: Brown, Eric (GOV)
Sent: Thursday, August 27, 2015 2:55 PM
To: Wurfel, Brad (DEQ)
Subject: RE: LeeAnn Walters Draft

So this resident's lead levels are much higher than the 90th percentile mentioned in the previous email. What is the discrepancy?

From: Wurfel, Brad (DEQ)
Sent: Thursday, August 27, 2015 2:00 PM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: FW: [redacted] Draft

Letter to a very vocal resident that went out this week. This may be what Peters' office is wanting to discuss with you. This letter has some really useful info on lead and copper testing.
b

From: Shekter Smith, Liane (DEQ)
Sent: Monday, August 24, 2015 1:10 PM
To: Wurfel, Brad (DEQ)
Cc: Devereaux, Tracy Jo (DEQ); Busch, Stephen (DEQ); Benzie, Richard (DEQ); Sygo, Jim (DEQ); Shaler, Karen (DEQ)
Subject: RE: [redacted] Draft

When you say they should see it as well. Do you mean see the draft or be cc'd on the e-mail?

If the former, do you wish to share it with them?

From: Wurfel, Brad (DEQ)
Sent: Monday, August 24, 2015 11:22 AM
To: Shekter Smith, Liane (DEQ)
Cc: Devereaux, Tracy Jo (DEQ); Busch, Stephen (DEQ); Benzie, Richard (DEQ); Sygo, Jim (DEQ); Shaler, Karen (DEQ)
Subject: RE: [redacted] Draft

Comprehensive. Thanks for sharing this, Liane. Lots of important information here.
I'd suggest that Harvey Hollins and Dennis Muchmore need to see it as well.

b

From: Shekter Smith, Liane (DEQ)
Sent: Monday, August 24, 2015 10:37 AM
To: Wurfel, Brad (DEQ)
Cc: Devereaux, Tracy Jo (DEQ); Busch, Stephen (DEQ); Benzie, Richard (DEQ); Sygo, Jim (DEQ); Shaler, Karen (DEQ)
Subject: RE: [redacted] Draft

Brad – below is our draft response to [redacted] in followup to our meeting at the Governor's Office. Thought you might like to review the draft before we send it out. Also, is there anyone else that should see this before it is sent?

Dear [redacted],

I wanted to update you regarding our Department's findings related to questions raised during our meeting at the Governor's office on August 4. I apologize for the delay in getting back to you.

Lead and Copper Monitoring

Regarding Flint lead and copper compliance monitoring for the January – June 2015 period, the City has confirmed that all lead and copper samples collected throughout the City, whether routine sites or customer requests, were sent to the

State of Michigan lab for analysis. Individual sample results are provided to the property owner within 30 days of receiving the lab results in accordance with the Michigan Safe Drinking Water Act (Public Act 399, 1976 Administrative Rule 410(5). Results from the State of Michigan lab are provided directly to our Office.

Staff have confirmed that the lead 90th percentile compliance calculation of 11 parts per billion is based on 69 samples that met the appropriate sampling location site criteria, and met the sample collection site and collection protocol requirements of the Safe Drinking Water Act for this monitoring period. A minimum of 60 samples were required for this monitoring period. As indicated during the meeting, the City's sampling for lead complies with the Action Level standard of 15 parts per billion, but based on the population served by the City and these results, the City will need to make a recommendation to the MDEQ on how they will fully optimize their corrosion control treatment. These next steps continue to follow the requirements of the Lead and Copper Rule.

Samples collected at your residence of [redacted] were not included this compliance determination as you utilize a whole home filter. As stated in the Michigan Safe Drinking Water Act (Public Act 399, 1976 Administrative Rule 710a, Lead and Copper in tap water; monitoring requirements) "Sampling sites may not include faucets that have point of use or point of entry treatment devices designed to remove inorganic contaminants." Such treatment alters the water chemistry and water quality such that it is no longer representative of public water from the City's distribution system. Therefore, the City cannot use samples collected at your residence as part of its determination for public water system compliance with the lead or copper action level standard.

Sample Summary (samples taken at your residence)

For your information, we are providing the information that we've gathered regarding samples collected at your home. Our records indicate between February and June of this year there were six samples collected by either you or Mr. Mike Glasgow with the City of Flint, and submitted to the State Laboratory for analysis as follows:

February 11, Bathroom tap, collected at 10:20 AM by Mike Glasgow. This sample was analyzed for aesthetic metals (copper, iron, manganese, and zinc) which does not include lead analysis.

February 18, Kitchen tap, collected at 7:15 AM by you. This sample was analyzed for lead (104 parts per billion) and copper (non-detect).

February 25, Kitchen tap, collected at 10:26 AM by Mike Glasgow. This sample was analyzed for metals including lead. All results (including lead) were non-detect except for Barium 0.01 parts per million. The result for Barium was well below its maximum contaminant level of 2 parts per million.

March 3, Kitchen tap, collected at 6:00 AM by you. This sample was analyzed for lead (397 parts per billion) and copper (non-detect).

March 18, Kitchen tap, collected at 11:10 AM by Mike Glasgow. This sample was analyzed for lead (4 parts per billion) and copper (non-detect).

April 2, Pre-point of service, collected at 8:00 AM by you. This sample was analyzed for lead (707 parts per billion) and copper (110 parts per billion).

Lead Education/Outreach

As we discussed during the meeting, we support efforts to educate homeowners about the sources of lead in their private residence, provide guidance measures to reduce the potential for lead exposure, and provide information on resources for lead abatement. Along those lines, our Office has been in contact with the Department of Health and Human Services, Environmental Health Division, Healthy Homes Section and had some preliminary discussions about a public education and assistance campaign regarding household lead issues, guidance and abatement.

Lead monitoring by public water systems serves a dual purpose. The first purpose is to ensure the public water supply is adequately treating its water to address corrosion potential and help limit lead exposure. The second purpose is to inform homeowners about lead levels within their individual residence so that they can make educated choices regarding their own exposure risk.

pH Results

During the meeting concerns were also expressed regarding pH levels within customer plumbing systems. As you may know, pH has no associated contaminant level as it is simply a numeric scale used to specify the acidity or alkalinity of a solution. The City of Flint conducts daily monitoring of pH values on both its raw and finished (treated) water at the City's water treatment plant as part of its operations. The City is also required to conduct water quality parameter monitoring in the distribution system, which includes pH. Samples are analyzed in accordance with Standard Methods using properly calibrated analytical equipment. Results for pH from these samples are summarized below.

Since late April 2014 – June 2015, the following pH conditions were reported:

Water Treatment Plant – Finished Water plant tap pH range = 7.07 minimum to 9.9 maximum, overall average 7.7, measured daily. We believe the 9.9 is a one- time anomaly from softening treatment.

Distribution System – Water Quality Parameters taken from 25 sample sites located throughout and monitored quarterly
July – Sept. 2014: pH 7.71 average, range 7.56 – 7.86
Oct. – Dec. 2014: pH 7.88 average, range 7.62 – 8.10
Jan. – March 2015: pH 7.81 average, range 7.60 – 7.99
April – June 2015: pH 7.63 Average, range 7.48 – 7.80

In addition, the City's treated water contains alkalinity, which is a measurement of the buffering capacity of water to resist a change in pH. As you can see from the water quality parameter monitoring results above there has been very little change in pH within the City's distribution system. The pH levels described within customer site piping or premise plumbing systems are believed to be the result of onsite treatment and not representative of water quality shown to be occuring in the public water supply system.

Consumer Confidence Report

Finally, there was confusion during the meeting regarding the City's annual water quality report, the Consumer Confidence Report which we have since been able to clarify.

The City of Flint issued two separate Consumer Confidence Reports (CCR's) in 2015 covering the water quality data from 2014. One report was for the period of January – April 2014 when the City was obtaining water from Detroit (DWSD). And a second report was for the period April – December 2014 when the City was using the Flint River and its own Water Treatment Plant.

The CCR for DWSD water was mailed to customers in June. The Flint River based CCR was mailed to customers in mid-July, delayed due to issues with the printing contractor. We agree that having two separate reports caused confusion. We are working with the City to ensure both reports are posted to the City's website and both are made available when requested by customers. Should the City choose to create separate CCR's during the year that the City of Flint connects to the Karegnondi Water Authority we will work with the City to provide more clarity and try to have all material included in a single mailing.

The DWSD based CCR is the one community members had at the meeting, while the DEQ brought a copy of the Flint River based CCR. As separate and distinct sampling was done under each source, this explains the discrepancy in the values and monitoring periods being reported in the respective CCR's.

We appreciate your interest in these matters and hope this has addressed many of the questions brought up during our meeting. I would like to provide this information to both Dr. Sullivan and [redacted] but I do not have their contact information. I'm hoping you can share this with them and any others that may be interested.

Sincerely,

From: Wurfel, Brad (DEQ)
Sent: Monday, August 31, 2015 10:25 AM
To: Busch, Stephen (DEQ); Shekter Smith, Liane (DEQ); Wyant, Dan (DEQ); Prysby, Mike (DEQ)
Cc: Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Murray, David (GOV); Wurfel, Sara (GOV); Jessica Brown; Brown, Eric (GOV)
Subject: Fwd: Urgent: Independent Flint Water Study

Liane / Steve, can you look into this situation as a priority?

Everyone else -- just got this from the ACLU. Call me if you have questions / counsel.

Thanks.
b

Sent from my iPhone

Begin forwarded message:

> **From:** Curt Guyette <cguyette@aclumich.org>
> **Date:** August 31, 2015 at 10:18:34 AM EDT
> **To:** "wurfelb@michigan.gov" <wurfelb@michigan.gov>
> **Subject: Urgent: Independent Flint Water Study**
>
> Mr. Wurfel,
>
> Prof. Marc Edwards of Virginia Tech university has been leading a research project to conduct an independent study of lead in Flint's water. Working with a group of city residents, they have been collecting water samples from homes throughout the city. The study is still under way, but the results so far have been so disturbing that VT has begun posting results on the web in order to alert residents about how serious the problem may be.
>
> This is what VT is reporting:
>
> *Over the weekend we analyzed another 72 lead samples collected by Flint residents and mailed to VT. For the 120 samples analyzed to date,* ***forty two percent were over 5 ppb,*** *which suggests a serious lead in water problem according to our experience and criteria. Twenty-three (20% of those collected) also exceeded 15 ppb lead, suggesting a serious lead in water problem.* ***That is, the Flint Citizen Science study to date, is finding results worse than the EPA standard which is applied to sampling "worst case" homes.*** *The highest lead sampled in first draw so far was 158 ppb, and the highest sample after 45 second flushing is 1051 ppb. Six of 120 homes sampled (5%), had over 15 ppb lead even after 2 minutes of continuous flushing.* ***The 90%'ile lead level in the Flint Water Study is currently 30 ppb, which is double the EPA standard applied to "worst case" homes, and in a range where water consumption has caused lead poisoning in children and adverse pregnancy outcomes.*** *Needless to say, these data are very worrisome.*
>
> Here is the website containing the information.

I am writing about this for a story that will be posted tomorrow. If the city chooses to respond, I need to hear back from you by the end of the day today, Aug. 31.

Sincerely,

Curt Guyette

From: Busch, Stephen (DEQ)
Sent: Monday, August 31, 2015 10:35 AM
To: Wurfel, Brad (DEQ)
Cc: Shekter Smith, Liane (DEQ); Wyant, Dan (DEQ); Prysby, Mike (DEQ); Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Murray, David (GOV); Wurfel, Sara (GOV); Jessica Brown; Brown, Eric (GOV)
Subject: Re: Urgent: Independent Flint Water Study

Brad,

We are aware of the VT professor. I can bring you up to speed this afternoon or whenever you are available

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

Sent from my iPhone

On Aug 31, 2015, at 10:25 AM, Wurfel, Brad (DEQ) <WurfelB@michigan.gov> wrote:

> Liane / Steve, can you look into this situation as a priority?
>
> Everyone else -- just got this from the ACLU. Call me if you have questions / counsel.
>
> Thanks.
> b
>
> Sent from my iPhone
>
> Begin forwarded message:
>
> > **From:** Curt Guyette <cguyette@aclumich.org>
> > **Date:** August 31, 2015 at 10:18:34 AM EDT
> > **To:** "wurfelb@michigan.gov" <wurfelb@michigan.gov>
> > **Subject: Urgent: Independent Flint Water Study**
> >
> > Mr. Wurfel,
> >
> > Prof. Marc Edwards of Virginia Tech university has been leading a research project to conduct an independent study of lead in Flint's water. Working with a group of city residents, they have been collecting water samples from homes throughout the city. The study is still under way, but the results so far have been so disturbing that VT has begun posting results on the web in order to alert residents about how serious the problem may be.
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Here is the website containing the information.

I am writing about this for a story that will be posted tomorrow. If the city chooses to respond, I need to hear back from you by the end of the day today, Aug. 31.

Sincerely,

Curt Guyette

From: Johnson, Bentley (Peters) <Bentley_Johnson@peters.senate.gov>
Sent: Thursday, September 03, 2015 4:49 PM
To: Brown, Eric (GOV)
Subject: RE: Flint Water

Yes, thank you.

From: Brown, Eric (GOV) [mailto:BrownE15@michigan.gov]
Sent: Thursday, September 03, 2015 4:47 PM
To: Johnson, Bentley (Peters) <Bentley_Johnson@peters.senate.gov>
Subject: Flint Water

I believe this is the letter you're looking for. Let me know if you need anything else.
--Eric

Eric K Brown
Senior Federal Policy Representative
State of Michigan – Governor Rick Snyder
Washington D.C. Office
202.624.5840 (office)
[redacted] (mobile)

From: Wurfel, Brad (DEQ)
Sent: Tuesday, September 08, 2015 4:02 PM
To: Brown, Eric (GOV)
Subject: FW: flint water

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Tuesday, September 08, 2015 3:22 PM
To: Wurfel, Brad (DEQ)
Subject: RE: flint water

Ok. I got them both brad.
Both ok to quote from?

Ron Fonger
MLive Media Group
Reporter

mobile [redacted]
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Wurfel, Brad (DEQ) [mailto:WurfelB@michigan.gov]
Sent: Tuesday, September 08, 2015 2:20 PM
To: Ronald Fonger
Cc: Busch, Stephen (DEQ)
Subject: RE: flint water

Ron,

As we discussed last week, the state DEQ is just as perplexed by Edwards' results as he seems to be by the city's test results, which are done according to state and federal sampling guidelines and analyzed in certified labs.

When I said we were unsure how the Virginia Tech team got its results, that's not the same as being surprised that they got them. There are a conservatively estimated 15,000 old homes with lead plumbing in Flint alone, and this group specializes in looking for high lead problems. They pull that rabbit out of that hat everywhere they go. Nobody should be surprised when the rabbit comes out of the hat, even if they can't figure out how it is done.

It's scientifically probable a research team that specializes in looking for lead in water could have found it in Flint when the city was on its old water supply. We won't know that, because they've only just arrived in town and quickly proven the theory they set out to prove, and while the state appreciates academic participation in this discussion, offering broad, dire public health advice based

on some quick testing could be seen as fanning political flames irresponsibly. Residents of Flint concerned about the health of their community don't need more of that.

As I mentioned last week, the issue here isn't Flint's water source or water plants. It's the high number of older homes with lead pipes and lead service connections. Anyone with lead plumbing in their homes should recognize there's some communication of lead from that.

The state and the EPA are working together in Flint – have been from the start, and we are in regular communication with federal counterparts to discuss Flint water. The state's program has been in place, protecting community water supplies for more than 40 years around the state. The reason this conversation began is because we have lead and copper rules; the city met the state and federal standard, and has agreed to further optimize its system to even further reduce lead levels, but let's be clear: lead pipes means some lead in water, at some level. Folks who have concerns should get a water specialist to take a look at their home and see what they need to do to achieve peace of mind, because lead and copper are home plumbing problems that no water source can eliminate entirely.

b

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
[redacted] cell

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Tuesday, September 08, 2015 11:39 AM
To: Wurfel, Brad (DEQ)
Subject: flint water

Brad:
This was posted by the Virginia Tech researchers this morning.
Since a part of it speaks directly to MDEQ's involvement in the Flint water situation, I wanted to see if we can get a comment from you for an initial story that I hope to post in about two hours.
Thanks,
http://flintwaterstudy.org/2015/09/our-sampling-of-252-low-risk-homes-demonstrates-a-high-lead-in-water-risk-flint-should-be-failing-to-meet-the-epa-lead-and-copper-rule/

Ron Fonger
MLive Media Group
Reporter

mobile [redacted]
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Wurfel, Brad (DEQ)
Sent: Tuesday, September 08, 2015 4:05 PM
To: Brown, Eric (GOV)
Subject: FW: additional comments about flint water, deq

From: Wurfel, Brad (DEQ)
Sent: Tuesday, September 08, 2015 3:03 PM
To: 'Ronald Fonger'
Subject: RE: additional comments about flint water, deq

I'll leave it to EPA to discuss unofficial draft reports by their folks.

We appreciate that residents of Flint have concerns about their water. The state's drinking water program, which implements federal safe drinking water laws and standards, oversees municipal supplies around the state, and has worked to ensure safe drinking water for more than four decades.

Municipal operators screen drinking water supplies for more than 90 different contaminants. Providers are required to employ certified, trained operators, because it is a complex task to maintain safe drinking water for tens of thousands of people or more.

The City of Flint has challenges, no question. Decades of forestalled maintenance of hundreds of miles of cast-iron water transmission lines around the city, much of which is beyond its service live; coupled with changes in city population size that put new demands on an old system that, in some places, impacts water quality; compounded by a rate structure which makes Flint's water very expensive, are all serious issues the city must confront. Few argue that the solution won't be cheap and relief for some parts of the city won't come quickly, because this problem didn't start last month, last year or even last governor; it started in the last century.

The State of Michigan's job here, via the DEQ, is to make sure the city's water production meets state and federal drinking water standards. We are in regular contact with federal counterparts at EPA to discuss issues and challenges related to Flint water. Everyone is paying very close attention, and the unavoidable fact is that the city's system is presently in compliance with state and federal safe drinking water standards.

To the extent the public concerns about the water system become part of the election politics in the city, we have no comment. But the DEQ wants everyone in Flint to understand our role as regulators, and that we take that role very seriously, in Flint and every other city around the state, because people's health hangs in the balance. Anyone who has a question about our standards, our required methods or the results is welcome to see what we do. We're transparent in our work because we stand behind it.
b

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality

517-284-6713
[redacted]cell

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Tuesday, September 08, 2015 12:30 PM
To: Wurfel, Brad (DEQ)
Subject: additional comments about flint water, deq

Brad:
I am also writing about a news conference held by Karen Weaver, Mayor Dayne Walling's challenger in the general election.
She made some specific comments regarding DEQ and I wanted to see if the agency wants to respond or comment.

Ron Fonger
MLive Media Group
Reporter

mobile [redacted]
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Johnson, Bentley (Peters) <Bentley_Johnson@peters.senate.gov>
Sent: Wednesday, September 09, 2015 11:00 AM
To: Brown, Eric (GOV)
Subject: RE: Flint Water

Have you received a response from Flint after sending this letter? Thanks.

From: Brown, Eric (GOV) [mailto:BrownE15@michigan.gov]
Sent: Thursday, September 03, 2015 4:47 PM
To: Johnson, Bentley (Peters) <Bentley_Johnson@peters.senate.gov>
Subject: Flint Water

I believe this is the letter you're looking for. Let me know if you need anything else.
--Eric

Eric K Brown
Senior Federal Policy Representative
State of Michigan – Governor Rick Snyder
Washington D.C. Office
202.624.5840 (office)
[redacted] (mobile)

From: Wurfel, Brad (DEQ)
Sent: Wednesday, September 09, 2015 4:42 PM
To: Brown, Eric (GOV)
Subject: RE: Flint Water

Getting confirmation.
b

From: Brown, Eric (GOV)
Sent: Wednesday, September 09, 2015 1:31 PM
To: Wurfel, Brad (DEQ)
Subject: FW: Flint Water

See below, from Peters office – they want to know whether the City of Flint has responded to the optimization letter.

From: Johnson, Bentley (Peters) [mailto:Bentley_Johnson@peters.senate.gov]
Sent: Wednesday, September 09, 2015 11:00 AM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: RE: Flint Water

Have you received a response from Flint after sending this letter? Thanks.

From: Brown, Eric (GOV) [mailto:BrownE15@michigan.gov]
Sent: Thursday, September 03, 2015 4:47 PM
To: Johnson, Bentley (Peters) <Bentley_Johnson@peters.senate.gov>
Subject: Flint Water

I believe this is the letter you're looking for. Let me know if you need anything else.
--Eric

Eric K Brown
Senior Federal Policy Representative
State of Michigan – Governor Rick Snyder
Washington D.C. Office
202.624.5840 (office)
[redacted](mobile)

From: Wurfel, Brad (DEQ)
Sent: Friday, September 11, 2015 1:17 PM
To: Brown, Eric (GOV)
Subject: FW: mayor walling's comment

FYI
b

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Friday, September 11, 2015 1:03 PM
To: Wurfel, Brad (DEQ)
Subject: mayor walling's comment

Brad:
On his campaign Web site, Mayor Walling addresses a lot of water issues and states, "The City will be continuing to optimize its water treatment process including planning to use a corrosion inhibitor now that it is being allowed by the MDEQ."
Do you have any information on what the corrosion inhibitor is and whether DEQ has approved its use?
Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile [redacted]
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Wurfel, Brad (DEQ)
Sent: Friday, September 11, 2015 1:59 PM
To: Brown, Eric (GOV)
Subject: FW: mayor walling's comment
Attachments: City of Flint PbCu15 8_17_15.pdf

From: Busch, Stephen (DEQ)
Sent: Friday, September 11, 2015 1:45 PM
To: Wurfel, Brad (DEQ); Shekter Smith, Liane (DEQ); Benzie, Richard (DEQ)
Subject: RE: mayor walling's comment

The City has not sent us their recommendation at this time. Per our 8/17 letter (attached), we recommended they select phosphate treatment which was previously provided by DWSD. They have until the end of the year to make a recommendation, but they are planning to have the treatment in place by January 2016. Their engineering consultant is working on this. Howard Croft noted this in his September 3 email to members of the technical advisory team the City formed.

Stephen Busch, P.E.
MDEQ Lansing District Coordinator
Office of Drinking Water and Municipal Assistance
Lansing and Jackson District Supervisor
517-643-2314
buschs@michigan.gov

From: Wurfel, Brad (DEQ)
Sent: Friday, September 11, 2015 1:18 PM
To: Shekter Smith, Liane (DEQ); Busch, Stephen (DEQ); Benzie, Richard (DEQ)
Subject: FW: mayor walling's comment

Help?

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Friday, September 11, 2015 1:03 PM
To: Wurfel, Brad (DEQ)
Subject: mayor walling's comment

Brad:
On his campaign Web site, Mayor Walling addresses a lot of water issues and states, "The City will be continuing to optimize its water treatment process including planning to use a corrosion inhibitor now that it is being allowed by the MDEQ."
Do you have any information on what the corrosion inhibitor is and whether DEQ has approved its use?
Thanks,

Ron Fonger

MLive Media Group
Reporter

mobile [redacted]
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING DISTRICT OFFICE

RICK SNYDER
GOVERNOR

DAN WYANT
DIRECTOR

August 17, 2015

Mr. Brent Wright
City of Flint - DPW
Flint Water Plant
4500 North Dort Highway
Flint, Michigan 48505

Dear Mr. Wright:

SUBJECT: Flint, City of WSSN: 02310
Lead and Copper Monitoring of Drinking Water Taps

The Department of Environmental Quality (DEQ), Office of Drinking Water and Municipal Assistance (ODWMA), received your report for the monitoring period January 1, 2015, through June 30, 2015.

Action Levels	Results this monitoring period			
	90th Percentile	# of Samples Above Action Level	# of Samples Required	# of Samples Collected
Lead 15 parts per billion (ppb)	11 ppb	6	60	69
Copper 1.3 parts per million (ppm)	0.16 ppm	0	60	69

Ninety percent or more of the sites you tested are within action levels under the administrative rules promulgated under the Michigan Safe Drinking Water Act, 1976 PA 399, as amended (Act 399). These results must be reported on your 2015 Consumer Confidence Report (CCR) due to our office, your customers, and the local health department, by July 1, 2016. Also include the following statement in the CCR, regardless of the lead and copper levels:

> *If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The City of Flint is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at 1-800-426-4791 or at http://www.water.epa.gov/drink/info/lead.*

Recent changes to the Lead and Copper Rule (LCR) require the water supply to provide individual lead tap results to people who receive water from sites that were sampled, even if lead was not detected, within 30 days of learning of results. You must also send us a certification that you met all the delivery requirements along with a sample copy of your customer notice by three months after the end of the monitoring period. To download the *Lead and Copper Report and Consumer Notice of Lead Result Certificate* in Microsoft Word or PDF format, visit http://www.michigan.gov/deq. Click on Water, Drinking Water, Community Water Supply, and Reporting Forms under the Manuals, Forms and Brochures heading. Water supplies that fail to distribute the Consumer Notice of Lead Results must include the following statement in their CCR, "During the year, we failed to provide lead results to persons served at the sites that were tested as required by the Lead and Copper Rule."

While the City's LCR compliance monitoring has continued to meet action level requirements, the LCR also requires all large systems (those serving over 50,000 people) to optimize corrosion control regardless of their 90th percentile lead concentration. One way to demonstrate fully optimized corrosion control treatment is through two consecutive six month rounds of LCR compliance monitoring in which the difference between the 90th percentile level and the highest source water lead concentration is less than the Practical Quantitative Level for lead (0.005 milligrams per liter). Since the City did not meet these criteria in both the July – December 2014, and January – June 2015, sampling periods, the City must now recommend a treatment to fully optimize corrosion control treatment within six months in accordance with requirements under Act 399, Administrative Rule 604f (R 325.10604f). **This recommendation must be provided to our office as soon as possible, but no later than January 1, 2016**.

However, given the past use of phosphate treatment by the Detroit Water and Sewerage Department (DWSD) to fully optimize corrosion control treatment when the City was a wholesale customer of DWSD, the ODWMA recommends the City select this as its recommended treatment option, and begin implementation as soon as possible to address ongoing concerns by customers regarding lead levels within their premise plumbing systems. Under the second step of this Rule, the DEQ can specify optimal corrosion control treatment.

Our office will inform you when monitoring needs to be conducted as part of the optimization of the implemented corrosion control treatment. Customer requested samples for lead shall continue to be collected and analyzed. Please make every attempt to select the same sites used in the previous monitoring period, giving Tier 1 sites first priority. If original sites are unavailable, select replacement sites based on the Tier 1, 2, and 3 criteria.

Please contact me at 517-284-6644 or rosenthala@michigan.gov at your earliest convenience to discuss how the City will be complying with the above requirements.

Sincerely,

Adam Rosenthal, Environmental Quality Analyst
Lansing District Office
Office of Drinking Water and Municipal Assistance

cc: Mr. Michael Glasgow, City of Flint

From: Pallone, Maggie (DEQ)
Sent: Sunday, September 13, 2015 8:43 PM
To: Dickinson, Jordan
Cc: Brown, Eric (GOV)
Subject: Flint water

Hi Jordan-
I wanted to reach out and let you know that we are working on pulling together an elected leaders briefing on Flint water for later this week or the following week. We plan on reaching out to EPA as well to have them participate via phone. If the Congressman does not plan on being back in town, we can loop him in as well.

Someone from my office will be reaching out to run by some dates and times.

Thanks so much. Please give me a call if you have any questions.

Maggie

Maggie Pallone
Deputy Director
Policy and Legislative Affairs
Department of Environmental Quality
[redacted](cell)
PalloneM@michigan.gov

From: Dickinson, Jordan <Jordan.Dickinson@mail.house.gov>
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Subject: Re: Flint water

Hi Maggie,

The Congressman is in DC and the district this week so it will just depend on when the briefing is. Is the briefing going to supplant a response to our letter or is it separate?

Jordan Dickinson
Legislative Assistant
Congressman Dan Kildee (MI-05)
202-225-3611

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Maggie Pallone
Deputy Director
Policy and Legislative Affairs
Department of Environmental Quality
[redacted](cell)
PalloneM@michigan.gov

From: Clayton, Stacie (GOV)
Sent: Monday, September 14, 2015 10:13 AM
To: Brown, Eric (GOV); Hollins, Harvey (GOV)
Subject: RE: Flint Water

Good Morning Eric,

Harvey is available at 11:30am today. I will send the appointment for you to call him in the office.

Stacie

From: Brown, Eric (GOV)
Sent: Monday, September 14, 2015 10:11 AM
To: Hollins, Harvey (GOV) <hollinsh@michigan.gov>
Cc: Clayton, Stacie (GOV) <claytons3@michigan.gov>
Subject: Flint Water

Harvey,
Do you have time today to catch up on the Flint water issue? I'm free until 11:30, from 1-1:30, and from 4-5pm today. Let me know if any of those windows work for you.
--Eric

Eric K Brown
Senior Federal Policy Representative
State of Michigan – Governor Rick Snyder
Washington D.C. Office
202.624.5840 (office)
[redacted] (mobile)

From: Pallone, Maggie (DEQ)
Sent: Monday, September 14, 2015 11:14 AM
To: Brown, Eric (GOV)
Subject: Re: Flint water

Yes between 4 and 5 on my cell [redacted]

On Sep 14, 2015, at 11:09 AM, Brown, Eric (GOV) <BrownE15@michigan.gov> wrote:

> We need to catch up today. I'm available from 2:30-3:30 and from 4-5 today. Are you available for a phone call during those times?
>
> ---
>
> **From:** Pallone, Maggie (DEQ)
> **Sent:** Sunday, September 13, 2015 8:43 PM
> **To:** Dickinson, Jordan <Jordan.Dickinson@mail.house.gov>
> **Cc:** Brown, Eric (GOV) <BrownE15@michigan.gov>
> **Subject:** Flint water
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>
> Maggie

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Deputy Director
Policy and Legislative Affairs
Department of Environmental Quality
[redacted] cell)
PalloneM@michigan.gov

From: Clayton, Stacie (GOV)
Sent: Monday, September 14, 2015 12:24 PM
To: Pallone, Maggie (DEQ); Wurfel, Brad (DEQ)
Cc: Brown, Eric (GOV)
Subject: Flint Water Conference Call

Maggie and Brad,

Are you both available for a phone call with Harvey Hollins and Eric Brown on Tuesday (tomorrow), Sept. 15, at either 11:30am or 12noon for a 30-minute phone call regarding Flint water? Please confirm and I will send the appointment with the call-in information.

Stacie

Stacie Clayton, Assistant Director
Harvey Hollins III, Director
Governor's Office of Urban Initiatives
3044 West Grand Boulevard, Ste. 14-650
Detroit, MI 48202
313.456.4994 (office)
claytons3@michigan.gov

From: Pallone, Maggie (DEQ)
Sent: Monday, September 14, 2015 2:17 PM
To: Clayton, Stacie (GOV)
Cc: Wurfel, Brad (DEQ); Brown, Eric (GOV)
Subject: Re: Flint Water Conference Call

We can do noon tomorrow. You may also want to include Dennis, as we have been communicating with him on this as well.
Thanks,
Maggie

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> Governor's Office of Urban Initiatives
> 3044 West Grand Boulevard, Ste. 14-650
> Detroit, MI 48202
> 313.456.4994 (office)
> claytons3@michigan.gov

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Sent: Monday, September 14, 2015 2:23 PM
To: Pallone, Maggie (DEQ)
Cc: Wurfel, Brad (DEQ); Brown, Eric (GOV)
Subject: RE: Flint Water Conference Call

Thank you, Maggie. I just checked and Dennis has a conflict at noon on Tuesday. Harvey will update him later. I will send the appointment now.

Stacie

From: Pallone, Maggie (DEQ)
Sent: Monday, September 14, 2015 2:17 PM
To: Clayton, Stacie (GOV) <claytons3@michigan.gov>
Cc: Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Brown, Eric (GOV) <BrownE15@michigan.gov>
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Cc: Brown, Eric (GOV)
Subject: RE: Flint water

Hi Maggie, Denise, Ronna and Cathy,

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Thank you,

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Congressman Dan Kildee (MI-05)
227 Cannon House Office Building
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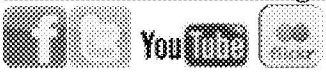
Phone: (202) 225-3611
www.dankildee.house.gov



Sign up for Congressman Dan Kildee's e-newsletter

From: Dickinson, Jordan
Sent: Sunday, September 13, 2015 9:18 PM
To: 'PalloneM@michigan.gov'
Cc: 'browne15@michigan.gov'
Subject: Re: Flint water

Hi Maggie,

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Legislative Assistant
Congressman Dan Kildee (MI-05)
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Deputy Director
Policy and Legislative Affairs
Department of Environmental Quality
[redacted](cell)
PalloneM@michigan.gov

From: Fortin, Denise <Fortin.Denise@epa.gov>
Sent: Tuesday, September 15, 2015 2:12 PM
To: Dickinson, Jordan; Pallone, Maggie (DEQ); Beckmann, Ronna Erin; Davis, CatherineM
Cc: Brown, Eric (GOV); Deamer, Eileen
Subject: RE: Flint water

Hi Jordan:

EPA plans to attend the briefing in Flint on Monday and to respond to Rep. Kildee in writing as well.

Thanks,
Denise

Denise Fortin
Congressional Liaison
Office of Regional Administrator
U.S. Environmental Protection Agency
312-886-9859

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Sent: Tuesday, September 15, 2015 12:48 PM
To: 'PalloneM@michigan.gov'; Fortin, Denise; Beckmann, Ronna Erin; Davis, CatherineM
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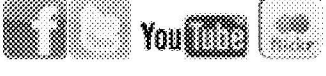

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Thank you Denise

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Office of Regional Administrator
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Subject: FW: Flint water

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Maggie Pallone
Deputy Director
Policy and Legislative Affairs
Department of Environmental Quality

[redacted](cell)
PalloneM@michigan.gov

From: Dickinson, Jordan [mailto:Jordan.Dickinson@mail.house.gov]
Sent: Tuesday, September 15, 2015 1:48 PM
To: Pallone, Maggie (DEQ) <PalloneM@michigan.gov>; Fortin.Denise@epa.gov; Beckmann, Ronna Erin (beckmann.ronna@epa.gov) <beckmann.ronna@epa.gov>; Davis, CatherineM (Davis.CatherineM@epa.gov) <Davis.CatherineM@epa.gov>
Cc: Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: RE: Flint water

Hi Maggie, Denise, Ronna and Cathy,

Thank you for the offer of providing a briefing my boss on this issue. I would like clarification that this briefing will be in addition to an official response from DEQ and EPA and will not supplant it.

Thank you,

Jordan Dickinson
Legislative Assistant
Congressman Dan Kildee (MI-05)
227 Cannon House Office Building
Washington, D.C. 20515
Phone: (202) 225-3611
www.dankildee.house.gov

Sign up for Congressman Dan Kildee's e-newsletter

From: Dickinson, Jordan
Sent: Sunday, September 13, 2015 9:18 PM
To: 'PalloneM@michigan.gov'
Cc: 'browne15@michigan.gov'
Subject: Re: Flint water

Hi Maggie,

The Congressman is in DC and the district this week so it will just depend on when the briefing is. Is the briefing going to supplant a response to our letter or is it separate?

Jordan Dickinson
Legislative Assistant
Congressman Dan Kildee (MI-05)
202-225-3611

From: Pallone, Maggie (DEQ) [mailto:PalloneM@michigan.gov]
Sent: Sunday, September 13, 2015 08:42 PM
To: Dickinson, Jordan
Cc: Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: Flint water

Hi Jordan-
I wanted to reach out and let you know that we are working on pulling together an elected leaders briefing on Flint water for later this week or the following week. We plan on reaching out to EPA as well to have them participate via phone. If the Congressman does not plan on being back in town, we can loop him in as well.

Someone from my office will be reaching out to run by some dates and times.

Thanks so much. Please give me a call if you have any questions.

Maggie

Maggie Pallone
Deputy Director
Policy and Legislative Affairs
Department of Environmental Quality
[redacted](cell)
PalloneM@michigan.gov

From: Pallone, Maggie (DEQ)
Sent: Wednesday, September 16, 2015 1:56 PM
To: Brown, Eric (GOV)
Subject: FW: Flint legislative letter
Attachments: Flint legislative letter.docx

Importance: High

Eric- This is what we plan on sending to Kildee today.

Thanks,
Maggie

From: Thelen, Mary Beth (DEQ)
Sent: Wednesday, September 16, 2015 12:04 PM
To: Feuerstein, Heather (DEQ) <FeuersteinH@michigan.gov>
Cc: Shaler, Karen (DEQ) <SHALERK@michigan.gov>; Pallone, Maggie (DEQ) <PalloneM@michigan.gov>
Subject: FW: Flint legislative letter
Importance: High

Heather, please finalize on letterhead – with The Honorable….etc.
Run through final by Maggie then Karen Shaler once you have it ready.
Per Correspondence Guidelines, please also remember to cc Bill McBride and Eric Brown of the Governor's Washington Office. I am assuming Maggie will also want Susan Hedman copied on it as well.
This needs to be done ASAP. Thanks.

From: Wurfel, Brad (DEQ)
Sent: Wednesday, September 16, 2015 11:59 AM
To: Thelen, Mary Beth (DEQ); Feuerstein, Heather (DEQ)
Cc: Pallone, Maggie (DEQ); Wyant, Dan (DEQ); Sygo, Jim (DEQ); Tommasulo, Karen (DEQ)
Subject: Flint legislative letter

This has been seen / edited / approved by Maggie, Dan and Steve Busch.

We need it put to letterhead, and then shared BEFORE we formally issue it with Dennis, Harvey and Gov's comms staff.

Thanks,
b

Dear Congressman Kildee,

Thank you for your Sept. 9 letter regarding your concerns for the drinking water in the City of Flint. The Michigan DEQ is working closely with the City's water department as well as the U.S. Environmental Protection Agency to ensure Flint residents have ample water that meets state and federal drinking water standards.

The Michigan DEQ's role is to administer its nearly 40-year-old state drinking water protection program based on federal guidelines. The agency works with nearly 11,500 public water systems in the state, to monitor for more than 90 primary drinking water contaminants and ensure that every supply consistently provides safe drinking water.

In Flint, the city made a decision 18 months ago to switch drinking water sources. This change required them to take specific measures under the Lead and Copper Rule, which was enacted in 1991 to monitor water as it interacts with lead service connections and home plumbing. The city's test results were conducted according to the same testing protocols every Michigan community uses and the same protocols Flint has used to test its water every three years for the past 25 years.

While the results show the city in compliance with the federal action level for lead and copper, we have nonetheless asked the city to move forward expeditiously with developing additional corrosion control treatment to minimize the corrosive effects between drinking water and lead service connections and home plumbing in the Flint service area to varying degrees.

This step will further reduce the potential for lead exposure, but the only way to eliminate lead in drinking water is to eliminate lead plumbing in homes and 15,000 lead service connections in Flint.

Know that the Michigan DEQ is continuing to work with the city and the EPA to address issues in Flint. We appreciate and share your concern for the situation, and we look forward to briefing you in depth next week and answering any other questions you may have.

Please contact DEQ Policy Director Maggie Pallone with any questions.

Again, thank you for your inquiry.

Sincerely,

Dan Wyant,

Director, Michigan DEQ

From: Pallone, Maggie (DEQ)
Sent: Wednesday, September 16, 2015 2:29 PM
To: Brown, Eric (GOV)
Subject: Fwd: EPA's response to Rep. Kildee re: Flint water
Attachments: Hon. Daniel Kildee 09-15-15.pdf; ATT00001.htm

Begin forwarded message:

> **From:** "Fortin, Denise" <Fortin.Denise@epa.gov>
> **Date:** September 15, 2015 at 6:28:38 PM EDT
> **To:** "Pallone, Maggie (DEQ)" <PalloneM@michigan.gov>
> **Cc:** "Beckmann, Ronna Erin" <beckmann.ronna@epa.gov>, "Deamer, Eileen" <deamer.eileen@epa.gov>
> **Subject: EPA's response to Rep. Kildee re: Flint water**
>
> Here you go, Maggie. I'll be sending this letter to Jordan Dickinson shortly.
>
> Please keep me posted on the location for Monday's meeting.
>
> Thanks,
> Denise
>
> Denise Fortin
> Congressional Liaison
> Office of Regional Administrator
> U.S. Environmental Protection Agency
> 312-886-9859

United States Environmental Protection Agency
Regional Administrator
Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3590

SEP 15 2015

The Honorable Daniel Kildee
Member, U.S. House of Representatives
Washington, D.C. 20515-1313

Dear Congressman Kildee:

Thank you for your September 9, 2015 letter regarding drinking water quality in the City of Flint. EPA is actively working with the Michigan Department of Environmental Quality (MDEQ) to help the City provide clean and safe water.

Consistent with the recommendations in the internal memorandum cited in your letter, EPA is working with MDEQ to monitor Flint's compliance with the federal Lead and Copper Rule. On August 17, 2015, MDEQ notified Flint that additional treatment will be required to optimize corrosion control and the City is taking steps to do so. Experts from EPA's Office of Research and Development are providing technical assistance to Flint to implement those corrosion control improvements.

Flint residents who are concerned about lead in drinking water may request water sampling by the local water utility. General information about lead in drinking water and tips to reduce lead exposure are available at http://water.epa.gov/drink/info/lead/index.cfm

Again, thank you for your letter. We look forward to a more detailed discussion at the meeting that is being set up on Monday. In the meantime, if you have further questions, please contact me or your staff may contact Denise Fortin or Ronna Beckmann, the Region 5 Congressional Liaisons, at (312) 886-3000.

Sincerely,

Susan Hedman
Regional Administrator

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From: Pallone, Maggie (DEQ)
Sent: Wednesday, September 16, 2015 3:32 PM
To: amglasson@house.mi.gov; Neeley, Rep Sheldon; Phelps, Rep Phil; Michelle Carnevale; Andrew Leavitt; Dickinson, Jordan; Bill_Sweeney@stabenow.senate.gov; Anne_Stanski@stabenow.senate.gov; eric_feldman@peters.senate.gov; angeli_chawla@peters.senate.gov; Johnson, Bentley (Peters)
Cc: Fortin.Denise@epa.gov; Brown, Eric (GOV)
Subject: RE: Briefing for elected officials on Flint water

I apologize that I didn't include information for a call in number in the first email. For those that will be calling in the information is below. Please let me know if you will be calling in as well.

[redacted]
Access code: [redacted]

Thank you,
Maggie

From: Pallone, Maggie (DEQ)
Sent: Wednesday, September 16, 2015 3:25 PM
To: 'amglasson@house.mi.gov' <amglasson@house.mi.gov>; Neeley, Rep Sheldon <SheldonNeeley@house.mi.gov>; Phelps, Rep Phil <repphelps@house.mi.gov>; 'Michelle Carnevale' <MCarnevale@senate.michigan.gov>; 'Andrew Leavitt' <ALeavitt@senate.michigan.gov>; 'Dickinson, Jordan' <Jordan.Dickinson@mail.house.gov>; 'Bill_Sweeney@stabenow.senate.gov' <Bill_Sweeney@stabenow.senate.gov>; 'Anne_Stanski@stabenow.senate.gov' <Anne_Stanski@stabenow.senate.gov>; 'eric_feldman@peters.senate.gov' <eric_feldman@peters.senate.gov>; 'angeli_chawla@peters.senate.gov' <angeli_chawla@peters.senate.gov>; 'Johnson, Bentley (Peters)' <Bentley_Johnson@peters.senate.gov>
Cc: Posthumus, Dick (GOV) <Posthumusd@michigan.gov>; Lange, Michelle (GOV) <LangeM3@michigan.gov>; Ackerman, Darin (GOV) <ackermand3@michigan.gov>; Thelen, Mary Beth (DEQ) <THELENM2@michigan.gov>; Fortin.Denise@epa.gov; Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: Briefing for elected officials on Flint water

Senator Stabenow, Senator Peters, Congressman Kildee, Senator Minority Leader Ananich, Representative Phelps and Representative Neeley-
Thank you for your interest in the role of EPA and the State of Michigan in delivering clean, safe water to the residents of Flint. The Michigan DEQ and EPA Region V will be hosting a briefing for elected officials on Flint water Monday, September 21st at 9 AM. The meeting will be at Constitutional Hall (525 W. Allegan St, Lansing, MI).

Tinka Hyde, Director of the Water Division at EPA Region V, and DEQ Director Dan Wyant will provide an overview of our programs and will answer any questions you have.

Please let me know if you, or your staff, will be attending the meeting at your earliest convenience.

Thank you,

Maggie

Maggie Pallone
Deputy Director

Policy and Legislative Affairs
Department of Environmental Quality
[redacted]
PalloneM@michigan.gov

From: Pallone, Maggie (DEQ)
Sent: Wednesday, September 16, 2015 3:32 PM
To: Brown, Eric (GOV)
Subject: RE: Briefing for elected officials on Flint water

Thanks, one of those days.

From: Brown, Eric (GOV)
Sent: Wednesday, September 16, 2015 3:28 PM
To: Pallone, Maggie (DEQ) <PalloneM@michigan.gov>
Subject: RE: Briefing for elected officials on Flint water

Will there be a teleconference line?

From: Pallone, Maggie (DEQ)
Sent: Wednesday, September 16, 2015 3:26 PM
To: amgiasson@house.mi.gov; Neeley, Rep Sheldon <SheldonNeeley@house.mi.gov>; Phelps, Rep Phil <repphelps@house.mi.gov>; Michelle Carnevale <MCarnevale@senate.michigan.gov>; Andrew Leavitt <ALeavitt@senate.michigan.gov>; Dickinson, Jordan <Jordan.Dickinson@mail.house.gov>; Bill_Sweeney@stabenow.senate.gov; Anne_Stanski@stabenow.senate.gov; eric_feldman@peters.senate.gov; angeli_chawla@peters.senate.gov; Johnson, Bentley (Peters) <Bentley_Johnson@peters.senate.gov>
Cc: Posthumus, Dick (GOV) <Posthumusd@michigan.gov>; Lange, Michelle (GOV) <LangeM3@michigan.gov>; Ackerman, Darin (GOV) <ackermand3@michigan.gov>; Thelen, Mary Beth (DEQ) <THELENM2@michigan.gov>; Fortin.Denise@epa.gov; Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: Briefing for elected officials on Flint water

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Please let me know if you, or your staff, will be attending the meeting at your earliest convenience.

Thank you,

Maggie

Maggie Pallone
Deputy Director
Policy and Legislative Affairs
Department of Environmental Quality
[redacted](cell)
PalloneM@michigan.gov

From: Wurfel, Brad (DEQ)
Sent: Wednesday, September 16, 2015 4:25 PM
To: Brown, Eric (GOV); Hollins, Harvey (GOV); Muchmore, Dennis (GOV)
Cc: Brown, Jessica (GOV); Wurfel, Sara (GOV); Murray, David (GOV)
Subject: FW: EPA's response to Rep. Kildee re: Flint water
Attachments: Hon. Daniel Kildee 09-15-15.pdf; ATT00001.htm

Heads up, here's the official response on Flint water inquiry from EPA to Cong. Kildee. It went last night.
Our formal response is going out COB today, will send around the finalized but not yet sent version in just a moment so you've got it.
If you have questions, call my cell phone, please. Thanks!
b

Brad Wurfel
Communications Director
Michigan Department of Environmental Quality
517-284-6713
[redacted] cell

From: Pallone, Maggie (DEQ)
Sent: Tuesday, September 15, 2015 7:25 PM
To: Wyant, Dan (DEQ); Thelen, Mary Beth (DEQ); Howes, Sarah (DEQ); Wurfel, Brad (DEQ); Busch, Stephen (DEQ); Benzie, Richard (DEQ); Shekter Smith, Liane (DEQ); Sygo, Jim (DEQ)
Subject: Fwd: EPA's response to Rep. Kildee re: Flint water

Begin forwarded message:

> **From:** "Fortin, Denise" <Fortin.Denise@epa.gov>
> **Date:** September 15, 2015 at 6:28:38 PM EDT
> **To:** "Pallone, Maggie (DEQ)" <PalloneM@michigan.gov>
> **Cc:** "Beckmann, Ronna Erin" <beckmann.ronna@epa.gov>, "Deamer, Eileen" <deamer.eileen@epa.gov>
> **Subject: EPA's response to Rep. Kildee re: Flint water**
>
> Here you go, Maggie. I'll be sending this letter to Jordan Dickinson shortly.
>
> Please keep me posted on the location for Monday's meeting.
>
> Thanks,
> Denise
>
> Denise Fortin

Congressional Liaison
Office of Regional Administrator
U.S. Environmental Protection Agency
312-886-9859

United States Environmental Protection Agency
Regional Administrator
Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3590

SEP 15 2015

The Honorable Daniel Kildee
Member, U.S. House of Representatives
Washington, D.C. 20515-1313

Dear Congressman Kildee:

Thank you for your September 9, 2015 letter regarding drinking water quality in the City of Flint. EPA is actively working with the Michigan Department of Environmental Quality (MDEQ) to help the City provide clean and safe water.

Consistent with the recommendations in the internal memorandum cited in your letter, EPA is working with MDEQ to monitor Flint's compliance with the federal Lead and Copper Rule. On August 17, 2015, MDEQ notified Flint that additional treatment will be required to optimize corrosion control and the City is taking steps to do so. Experts from EPA's Office of Research and Development are providing technical assistance to Flint to implement those corrosion control improvements.

Flint residents who are concerned about lead in drinking water may request water sampling by the local water utility. General information about lead in drinking water and tips to reduce lead exposure are available at http://water.epa.gov/drink/info/lead/index.cfm

Again, thank you for your letter. We look forward to a more detailed discussion at the meeting that is being set up on Monday. In the meantime, if you have further questions, please contact me or your staff may contact Denise Fortin or Ronna Beckmann, the Region 5 Congressional Liaisons, at (312) 886-3000.

Sincerely,

Susan Hedman
Regional Administrator

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From: Wurfel, Brad (DEQ)
Sent: Monday, September 21, 2015 4:33 PM
To: Wyant, Dan (DEQ); Pallone, Maggie (DEQ); Muchmore, Dennis (GOV); Hollins, Harvey (GOV)
Cc: Wurfel, Sara (GOV); Tommasulo, Karen (DEQ); Murray, David (GOV); Brown, Jessica (GOV); Brown, Eric (GOV)
Subject: FW: STATEMENT: Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water

Statement. And invitation from Flint Journal for comment…

b

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Monday, September 21, 2015 3:13 PM
To: Wurfel, Brad (DEQ)
Subject: FW: STATEMENT: Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water

Brad: Do you want to comment?

I just got this and have to file something by 5-530.

Thanks,

Ron Fonger
MLive Media Group
Reporter

mobile [redacted]
email rfonger1@mlive.com
address 540 S. Saginaw St. #101, Flint MI 48502

From: Rivard, Mitchell [mailto:Mitchell.Rivard@mail.house.gov]
Sent: Monday, September 21, 2015 3:02 PM
To: Rivard, Mitchell
Subject: STATEMENT: Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water

FOR IMMEDIATE RELEASE
Monday, September 21, 2015

Contact: Mitchell Rivard, 202-595-4885, mitchell.rivard@mail.house.gov

Congressman Dan Kildee Calls For Additional "Independent and Scientific" Testing to Ensure Safety of Flint's Water

FLINT – Congressman Dan Kildee (MI-05) today, as part of his continued efforts to get answers regarding recent lead levels recorded in the city of Flint's water system, met with the Michigan Department of Environmental Quality (DEQ) and the Environmental Protection Agency (EPA) in Lansing.

The meeting followed a letter sent last week by Congressman Kildee posing various questions about recent lead levels in the water. In response to Congressman Kildee's letter, the DEQ and EPA invited Congressman Kildee and other local, state and federal elected officials to attend today's briefing in Lansing.

After the meeting today, Congressman Kildee issued the following statement:

"After meeting with the EPA and DEQ, it is clear to me that immediate independent and scientific testing is necessary to determine the safety of Flint's water. So far, the city, DEQ and EPA have not adequately answered my questions on their testing methods to ensure the safety of Flint's water.

"So far, I have been given no reason to have confidence in the current testing results. For example, it is unclear if homes sampled also took part in previous tests, which could have shown trends in water quality.

"I call on the Michigan Department of Environmental Quality and the Environmental Protection Agency, in coordination with the city of Flint, to work together to conduct additional independent and scientific testing of Flint's water. Additional testing must be expanded from its current scope to include more homes. It must also factor in the most at-risk homes in Flint.

"Flint residents deserve absolute transparency when it comes to the quality of their water. Additionally the city, DEQ and EPA must work together to ensure the immediate safety of Flint's drinking water, including any temporary relief until a long-term solution can be completed."

###

From: Hertel, Elizabeth (DHHS)
Sent: Thursday, October 01, 2015 9:55 AM
To: Brown, Eric (GOV)
Subject: Re: Flint

Yes - I am meeting with my public health people until 10:30 and can call when that's done, if that is ok.

Sent from my iPad

On Oct 1, 2015, at 9:51 AM, Brown, Eric (GOV) <BrownE15@michigan.gov> wrote:

> Elizabeth,
> Could you give me a call this morning? I need to discuss a few things with you about Flint water. My direct line is (202) 624-3646. Thanks!
> --Eric
>
> **Eric K Brown**
> Senior Federal Policy Representative
> State of Michigan – Governor Rick Snyder
> Washington D.C. Office
> 202.624.5840 (office)
> [redacted] (mobile)

From: Hertel, Elizabeth (DHHS)
Sent: Thursday, October 01, 2015 11:25 AM
To: Brown, Eric (GOV)
Cc: Pallone, Maggie (DEQ)
Subject: RE: Flint

Eric,

We are finalizing talking points and some other materials for gov's office currently. I am copying Maggie Pallone from DEQ on this as well, so we can get you what you might need. Can you give me a sense of the items you would like so that I don't inundate you with information?

From: Brown, Eric (GOV)
Sent: Thursday, October 01, 2015 10:01 AM
To: Hertel, Elizabeth (DHHS)
Subject: RE: Flint

Sounds good, I'll be at my desk

From: Hertel, Elizabeth (DHHS)
Sent: Thursday, October 01, 2015 9:55 AM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: Re: Flint

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> **Eric K Brown**
> Senior Federal Policy Representative
> State of Michigan – Governor Rick Snyder
> Washington D.C. Office
> 202.624.5840 (office)
> [redacted] (mobile)

From: Pallone, Maggie (DEQ)
Sent: Thursday, October 01, 2015 2:41 PM
To: Brown, Eric (GOV)
Subject: RE: Flint

Well everything just changed.

From: Brown, Eric (GOV)
Sent: Thursday, October 1, 2015 2:30 PM
To: Hertel, Elizabeth (DHHS) <HertelE@michigan.gov>
Cc: Pallone, Maggie (DEQ) <PalloneM@michigan.gov>
Subject: RE: Flint

Elizabeth & Maggie: any progress on these materials? Thanks,
--Eric

From: Brown, Eric (GOV)
Sent: Thursday, October 01, 2015 11:27 AM
To: Hertel, Elizabeth (DHHS) <HertelE@michigan.gov>
Cc: Pallone, Maggie (DEQ) <PalloneM@michigan.gov>
Subject: RE: Flint

It's fine to send me the same packet you're sending to others in the gov's office. Thanks

---

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Sent: Thursday, October 01, 2015 11:25 AM
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> --Eric
>
> **Eric K Brown**
> Senior Federal Policy Representative
> State of Michigan – Governor Rick Snyder
> Washington D.C. Office
> 202.624.5840 (office)
> [redacted]

From: Pallone, Maggie (DEQ)
Sent: Thursday, October 01, 2015 3:26 PM
To: Brown, Eric (GOV)
Subject: Re: Flint

As soon as this 3 hour meeting with Dennis and Sarah ends I'll call you.

On Oct 1, 2015, at 3:13 PM, Brown, Eric (GOV) <BrownE15@michigan.gov> wrote:

> … everything???
>
> ---
>
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> **Cc:** Pallone, Maggie (DEQ) <PalloneM@michigan.gov>
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> --Eric
>
> **Eric K Brown**
> Senior Federal Policy Representative
> State of Michigan – Governor Rick Snyder
> Washington D.C. Office
> 202.624.5840 (office)
> [redacted]

From: Hertel, Elizabeth (DHHS)
Sent: Thursday, October 01, 2015 4:10 PM
To: Brown, Eric (GOV)
Subject: FW: talking points
Attachments: Flint Lead TP 093015 - v2.docx

These are our talking points.

From: Minicuci, Angela (DHHS)
Sent: Thursday, October 01, 2015 3:50 PM
To: Hertel, Elizabeth (DHHS)
Subject: RE: talking points

Attached!

Angela

From: Hertel, Elizabeth (DHHS)
Sent: Thursday, October 01, 2015 3:43 PM
To: Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>
Subject: talking points

Can you send on?

Elizabeth Hertel
Director, Health Policy and Innovation
Michigan Department of Health and Human Services
Office: 517.241.7656

Blood Lead Levels in Flint Talking Points
October 1, 2015

- Initial analysis of MDHHS data found that blood lead levels (BLLs) of children in Flint have followed the seasonal trend.
- While this analysis of blood lead levels in Flint as a whole remains true, after a comprehensive and detailed review down to the zip code level, we have found that state numbers are consistent with those presented by Hurley.
- Director Lyon is working closely with DEQ and the administration to take active steps to reduce all potential lead exposures in Flint, and across the state.
- Our Chief Medical Executive has been in communication with the lead investigator at Hurley Children's Hospital, and we continue to work with Hurley, the city of Flint, local and state leaders to verify and analyze data trends.
- Zip code-level data does show that there has been an increase in elevated childhood blood lead levels in specific communities.
    - This does not conclusively mean that the water source change is the cause of the increase, but data does show an association.
    - Lead exposure can occur from a number of different sources (such as paint, gasoline, solder, and consumer products) and through different pathways (such as air, food, water, dust, and soil).
    - Although there are several exposure sources, lead-based paint is the most widespread and dangerous high-dose source of lead exposure for young children.
- We reviewed MDHHS statewide data using the same methodology used by Hurley, looking at our numbers by zip code and age ranges, and filtering out non-Flint children.
- Routine surveillance of blood lead levels does not analyze data down to the zip code level. Detailed analysis like this occurs when there is reason to focus in on precise locations or populations.
- MDHHS will be working closely with the Michigan Department of Environmental Quality, Hurley Children's Hospital, the Genesee County Health Department, and community organizations to initiate further action steps.
- We understand that cost may be a barrier to following the recommendations of the local health department. We are actively working with public and private partners to make resources available to those who may need assistance.
- MDHHS is recommending that residents follow the Public Health Advisory issued by the Genesee County Health Department, as well as take further steps to reduce exposures to all forms of lead in and around their homes.

MDHHS Stats and Facts

- Data charts/breakdowns and explanations
- Lead abatement through MDHHS was federally funded up until FY14 when Michigan began providing additional funds to abate homes.
- In FY14, $1.25M General Fund was added. In FY15, General Fund was bumped up to $1.75M and FY16, General Fund remains at $1.75M.

Reducing and Removing Lead Exposure

- In housing built before 1978, it can be assumed that the paint has lead unless tests show otherwise.
- Make sure your child does not have access to peeling paint or chewable surfaces painted with lead-based paint.
- Children and pregnant women should not be present in housing built before 1978 that is undergoing renovation. They should not participate in activities that disturb old paint or in cleaning up paint debris after work is completed.
- Create barriers between living/play areas and lead sources. Until environmental clean-up is completed, you should clean and isolate all sources of lead.
    - Close and lock doors to keep children away from chipping or peeling paint on walls. You can also apply temporary barriers such as contact paper or duct tape, to cover holes in walls or to block children's access to other sources of lead.
- Regularly wash children's hands and toys. Hands and toys can become contaminated from household dust or exterior soil. Both are known lead sources.
- Regularly wet-mop floors and wet-wipe window components. Because household dust is a major source of lead, you should wet-mop floors and wet-wipe horizontal surfaces every 2-3 weeks.
    - Windowsills and wells can contain high levels of leaded dust. They should be kept clean. If feasible, windows should be shut to prevent abrasion of painted surfaces or opened from the top sash.
- Take off shoes when entering the house to prevent bringing lead-contaminated soil in from outside.
- Prevent children from playing in bare soil; if possible, provide them with sandboxes. Plant grass on areas of bare soil or cover the soil with grass seed, mulch, or wood chips, if possible.
    - Until the bare soil is covered, move play areas away from bare soil and away from the sides of the house. If you have a sandbox, cover the box when not in use to prevent cats from using it as a litter box. That will help protect children from exposure to animal waste.
- Avoid using makeup, containers, cookware, or tableware to store or cook foods or liquids that are not shown to be lead free.
- Remove recalled toys and toy jewelry immediately from children.

- Use only cold water from the tap for drinking, cooking, and making baby formula. Hot water is more likely to contain higher levels of lead. Most of the lead in household water usually comes from the plumbing in your house, not from the local water supply.
- Shower and change clothes after finishing a task that involves working with lead-based products such as stained glass, making bullets, or using a firing range.

WIC Children

- # of families on WIC in Flint
- In homes with infants on WIC, if the household has documentation from an official source of unsanitary water supply issues, that family may be eligible to receive ready-to-feed formula. Families should contact WIC to see if they are eligible.
- Each household would have to be looked at on an individual basis.
- WIC cannot cover bottled water.

Background

- The results of the Hurley Children's Hospital were reviewed by MDHHS after the study was released last week.
- The analysis that Hurley conducted was different from the initial MDHHS data regarding blood lead levels in Flint.
- MDHHS initial data looked at the entire blood lead levels for the Flint area for the past five years and showed the annual seasonal trends in the area.
- Seasonal exposure is higher in the summer for a variety of reasons including children playing outside in the soil, and when windows are open and lead paint is more likely to be in the air.

From: Hertel, Elizabeth (DHHS)
Sent: Thursday, October 01, 2015 4:29 PM
To: Brown, Eric (GOV)
Subject: FW: talking points
Attachments: 151001. Talking points.docx

These are DEQ talking points.

From: Tommasulo, Karen (DEQ)
Sent: Thursday, October 01, 2015 4:28 PM
To: Pallone, Maggie (DEQ); Minicuci, Angela (DHHS); Eisner, Jennifer (DHHS); Hertel, Elizabeth (DHHS); Wurfel, Brad (DEQ); Wurfel, Sara (GOV); Murray, David (GOV); Thelen, Mary Beth (DEQ); Wyant, Dan (DEQ); Paciorek, Josh (GOV); Lasher, Geralyn (DHHS)
Subject: talking points

Here's the talking points we've been working from. Feel free to add DHHS' info.

Karen Tommasulo
Public Information Officer
Michigan Department of Environmental Quality
517-284-6716 [redacted]
tommasulok@michigan.gov

Flint Drinking Water Action Plan
Talking Points

Overall Messaging

- Repeated testing shows the water leaving Flint's drinking water system is safe to drink and meets all federal guidelines, including lead.
- After the switch the Flint River, the compliance testing protocol yielded results of 6 ppb in December 2014 and 11 ppb in June 2015. Both results were below the federal action level of 15 ppb.
- However, we recognize some residents experience higher levels of lead in the water that comes out of their faucets because of lead plumbing in the home, and that's a concern.
- Out of an abundance of caution, we want to address the needs of all Flint families, and so we have developed an action plan that includes both short- and long-term solutions.
- The state plan focuses on increasing water testing, offering additional precautions for families, and providing long-term solutions to address the city's water infrastructure.

Messaging regarding the action plan

The city and the state are working together to gather more data to ensure the water that leaves the treatment plant as well as the water that arrives in Flint homes is safe for all residents.

- **Immediately test Flint public schools to ensure that drinking water is safe. Testing will also be available at no cost to any other school in Flint.**
    - Although Flint's drinking water meets all federal requirements, the state wants to take extra steps to ensure that drinking water is safe for the city's children.
    - The state will fund this testing (about $30,000) at no cost to the city or the local schools, and make the results publicly available.

- **Expand health exposure testing of individual residences.**
    - To double-check its data as well as provide residents with an additional layer of assurance, the DEQ will conduct more tests at Flint properties.
    - The Technical Advisory Committee will determine the scope of this expanded testing.

- **Offer water testing at no cost to Flint residents to assure water is safe.**
    - Although all testing indicates water in the city of Flint meets all federal standards, we understand some residents are concerned.
    - To ensure water in individual homes is safe, free water testing is available to all Flint residents.
    - We encourage anyone with a concern to get their water tested.
    - Contact the city water department to have your water tested.

- **Begin optimizing corrosion controls in the Flint drinking water system.**

- A fully optimized corrosion control system can help coat the inside of pipes to minimize the amount of lead that enters the drinking water after it leaves the treatment plant.
- This is a helpful step that can help minimize lead system-wide, and we're pleased the city is moving to take this step.
- If asked: This was not initially required because a fully optimized corrosion control system is not federally required in many water systems. Even today, since Flint is meeting all federal standards, this fully optimized system is not required. However, to address public concerns and ensure every possible precaution is taken, the city is moving forward with installing this corrosion control system.

- **Convene a "Safe Drinking Water Technical Advisory Committee" to ensure the best technology, practices and science are being utilized, and add an expert from the EPA's Office of Research and Development to the group.**
  - The Safe Drinking Water Technical Advisory Committee will meet Oct. 7 to discuss fully optimizing the corrosion control system, expanding testing of at-risk properties, and other topics.
  - Tom Burke, the Deputy Assistant Administrator of EPA's Office of Research and Development as well as the EPA's Science Advisor, will participate on the committee. Prior to joining EPA, he held prominent positions at the Johns Hopkins Bloomberg School of Public Health and founded the Johns Hopkins Risk Sciences and Public Policy Institute. He brings substantial expertise, and we're pleased he is able join the committee.

- **Accelerate water system improvements to address replacement of lead service lines.**
  - Regardless of the drinking water source – whether it be DWSD, the Flint River or Lake Huron – the only permanent fix for lead is to replace all 18,000 of the private lead service lines in the city. These are the lines on private property that lead from the curb to individual homes.
  - This is a problem in communities statewide, and one we want to address with a long-term solution.
  - The state and EPA are working together to find a way for the city to access Drinking Water Revolving Loan funds for the work.

- **Expedite completion of Karegnondi Water Authority.**
  - The move to the Flint River was always a temporary measure until the connection to the KWA and to Lake Huron was completed.
  - This is the ultimate goal of the venture, and the state and locals will work together to speed up completion of the connection.

- **Governor Snyder names Dr. Eden Wells as Flint Drinking Water Public Health Advisor.**
  - Dr. Wells is the Director for the Preventive Medicine Residency at the University of Michigan School of Public Health in Ann Arbor as well as the Chief Medical Executive for MDHHS.

- She brings years of experience in epidemiology and preventative medicine to the issue, and we're thrilled to have her expertise.
- Dr. Wells will coordinate with Hurley Medical Center to share data on blood lead levels in children, as well as address other emerging issues.

- **Provide water filters to residents of Flint.**
  - As an additional precaution, water filters will be available to low-income families.
  - This provides another safeguard to ensure everyone in the city of Flint has access to clean drinking water that they feel confident drinking.

- **Expand a comprehensive lead education initiative.**
  - Lead plumbing is common in homes built prior to 1986, and anyone in the state with lead pipes in their home can take some extra precautions to minimize lead in their drinking water.
  - It takes time for lead to accumulate in drinking water from plumbing, and so flushing your pipes prior to using them can minimize your exposure.
    - To flush your pipes, run the water until it's as cold as it will go. This can take as little as 5 to 30 seconds if you have recently flushed the toilet or otherwise used water in your home, or as long as 2 to 5 minutes if you have not used any water in hours.
    - In the city of Flint, running the water for 5 minutes only costs about 3-16 cents, depending on your faucet.
  - Additionally, more lead gets into hot water than cold water. Use only cold water for drinking, cooking and making baby formula.

From: Pallone, Maggie (DEQ)
Sent: Thursday, October 01, 2015 4:31 PM
To: Brown, Eric (GOV)
Subject: Fwd: talking points
Attachments: 151001. Talking points.docx; ATT00001.htm

Begin forwarded message:

> **From:** "Tommasulo, Karen (DEQ)" <TommasuloK@michigan.gov>
> **Date:** October 1, 2015 at 4:27:53 PM EDT
> **To:** "Pallone, Maggie (DEQ)" <PalloneM@michigan.gov>, "Minicuci, Angela (DHHS)" <MinicuciA@michigan.gov>, "Eisner, Jennifer (DHHS)" <EisnerJ@michigan.gov>, "Hertel, Elizabeth (DHHS)" <HertelE@michigan.gov>, "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>, "Murray, David (GOV)" <MurrayD1@michigan.gov>, "Thelen, Mary Beth (DEQ)" <THELENM2@michigan.gov>, "Wyant, Dan (DEQ)" <WyantD@michigan.gov>, "Paciorek, Josh (GOV)" <Paciorekj@michigan.gov>, "Lasher, Geralyn (DHHS)" <lasherg@michigan.gov>
> **Subject: talking points**
>
> Here's the talking points we've been working from. Feel free to add DHHS' info.
>
> Karen Tommasulo
> Public Information Officer
> Michigan Department of Environmental Quality
> 517-284-6716 [redacted]
> tommasulok@michigan.gov

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From: Pallone, Maggie (DEQ)
Sent: Thursday, October 01, 2015 4:39 PM
To: Brown, Eric (GOV)
Subject: Fwd: news release
Attachments: 151001. News release.docx; ATT00001.htm

FYI as well.

Begin forwarded message:

> **From:** "Tommasulo, Karen (DEQ)" <TommasuloK@michigan.gov>
> **Date:** October 1, 2015 at 4:33:58 PM EDT
> **To:** "Murray, David (GOV)" <MurrayD1@michigan.gov>, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>, "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>, "Minicuci, Angela (DHHS)" <MinicuciA@michigan.gov>, "Eisner, Jennifer (DHHS)" <EisnerJ@michigan.gov>, "Lasher, Geralyn (DHHS)" <lasherg@michigan.gov>, "Pallone, Maggie (DEQ)" <PalloneM@michigan.gov>
> **Subject: news release**
>
> Here's the news release. Please send me any changes.
>
> We're hoping to get a quote from Nick, as well as contact info on how people can get a water filter.
>
> Karen Tommasulo
> Public Information Officer
> Michigan Department of Environmental Quality
> 517-284-6716 [redacted]
> tommasulok@michigan.gov

Oct. 2, 2015

For More Information:
Sara Wurfel or Dave Murray
Brad Wurfel, 517-284-6713, wurfelb@michigan.gov
Angela Minicuci

Michigan leaders announce action plan for Flint drinking water

Local, state and federal leaders today announced a comprehensive action plan for drinking water in Flint, designed to address both the short- and long-term needs of residents.

The action plan focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure.

"We are deeply concerned by the lead results we are seeing in parts of Flint," Snyder said. "Although we know the water leaving Flint's drinking water system is safe to drink, some families with lead plumbing on their property experience higher levels of lead in the water that comes out of their faucets. We are concerned for those families, and we created this action plan to address their immediate needs as well as the long-term needs of all Flint residents."

The city and the state also are working together to gather more data to ensure the water that leaves the treatment plant as well as the water that arrives in Flint homes is safe for all residents. The plan includes:

- Immediately test Flint public schools to ensure that drinking water is safe. Testing also will be available at no cost to any other school in Flint.
- Expand health exposure testing of individual residences.
- Offer water testing at no cost to Flint residents to assure water is safe.
- Begin optimizing corrosion controls in the Flint drinking water system.

- Convene a "Safe Drinking Water Technical Advisory Committee" to ensure the best technology, practices and science are being utilized, and add an expert from the EPA's Office of Research and Development to the group.
- Accelerate water system improvements to address replacement of lead service lines.
- Expedite completion of Karegnondi Water Authority.
- Gov. Rick Snyder names Dr. Eden Wells as the Flint Drinking Water Public Health Advisor.
- Provide water filters to residents of Flint.
- Expand a comprehensive lead education initiative.

Local, state and federal leaders announced the plan at a press conference today at Kettering University's Innovation Center in Flint. Participants included:

- Harvey Hollins, Director of Snyder's Office of Urban Initiatives
- Dan Wyant, Director of the Michigan Department of Environmental Quality
- Nick Lyon, Director for the Michigan Department of Health and Human Services
- Dr. Eden Wells, Flint Drinking Water Public Health Adviser
- Dayne Walling, Mayor of Flint

"This action plan offers concrete steps we will take in a local, state and federal partnership to ensure all Flint residents have safe water to drink," Wyant said. "The DEQ will work closely with the city to gather further data to ensure the water that leaves Flint's system as well as the water that arrives in Flint homes is safe to drink."

To have your water tested, call 810-787-6537 and press 1, or email flintwater@cityofflint.com. For more information, visit www.michigan.gov/flintwater.

From: Pallone, Maggie (DEQ)
Sent: Thursday, October 01, 2015 4:40 PM
To: Brown, Eric (GOV)
Subject: Fwd: action plan wording
Attachments: 151001. Action plan.docx; ATT00001.htm

FYI as well.

Begin forwarded message:

> **From:** "Tommasulo, Karen (DEQ)" <TommasuloK@michigan.gov>
> **Date:** October 1, 2015 at 4:37:08 PM EDT
> **To:** "Pallone, Maggie (DEQ)" <PalloneM@michigan.gov>, "Paciorek, Josh (GOV)" <Pacioreki@michigan.gov>
> **Subject: action plan wording**
>
> Clean action plan updated to reflect meeting. Josh, this is the wording you can use for the graphic (unless, you know, we change it again ☺).
>
> Karen Tommasulo
> Public Information Officer
> Michigan Department of Environmental Quality
> 517-284-6716 | [redacted]
> tommasulok@michigan.gov

Flint Drinking Water Action Plan

Immediately test Flint public schools to ensure that drinking water is safe. Testing also will be available at no cost to any other school in Flint.

Expand health exposure testing of individual residences.

Offer water testing at no cost to Flint residents to assure water is safe.

Begin optimizing corrosion controls in the Flint drinking water system.

Convene a "Safe Drinking Water Technical Advisory Committee" to ensure the best technology, practices and science are being utilized, and add an expert from the EPA's Office of Research and Development to the group.

Accelerate water system improvements to address replacement of lead service lines.

Expedite completion of Karegnondi Water Authority.

Gov. Rick Snyder names Dr. Eden Wells as the Flint Drinking Water Public Health Advisor.

Provide water filters to residents of Flint.

Expand a comprehensive lead education initiative.

From: Pallone, Maggie (DEQ)
Sent: Thursday, October 01, 2015 5:18 PM
To: [redacted] Neeley, Rep Sheldon; Dickinson, Jordan; Andrew Leavitt
Cc: Hertel, Elizabeth (DHHS); Brown, Eric (GOV); amglasson@house.mi.gov; Michelle Carnevale
Subject: Flint water announcement

Congressman Kildee, Senator Ananich, Representative Neeley and Representative Phelps,

Tomorrow at 1:30 PM Director Nick Lyons and Director Dan Wyant, along with Mayor Walling, will holding a press conference to announce an action plan for addressing the water in the city of Flint. We would like to extend an invite for you to attend. The press conference will only be open to the media. The announcement will be held at the Kettering University, Innovation Center (1300 Bluff St., Flint, MI 48504)

Before the announcement we would like to do a pre-briefing call with you at 10:30 AM tomorrow. The call in information is:

[redacted]

Please give me a call on my cell if you have any questions ([redacted]). Also, please let me know if you plan on attending the announcement.

Thanks,
Maggie

Maggie Pallone
Deputy Director
Policy and Legislative Affairs
Department of Environmental Quality
[redacted](cell)
PalloneM@michigan.gov

From: Hertel, Elizabeth (DHHS)
Sent: Thursday, October 01, 2015 7:01 PM
To: Brown, Eric (GOV)
Cc: Lyon, Nick (DHHS); Wyant, Dan (DEQ); Pallone, Maggie (DEQ); Mcbride, Bill (GOV)
Subject: Re: Kildee Letter DRAFT

Eric,

It looks good. I think we want to remove the premix formula ask, as we have learned there isn't a supply to support that. Also, to clarify in snap, we would like to be able to increase the current snap benefit so that people don't have to use the current amount they have for bottled water.

Thank you!

Sent from my iPhone

On Oct 1, 2015, at 5:16 PM, Brown, Eric (GOV) <BrownE15@michigan.gov> wrote:

> Nick & Dan:
> Please take a look at the attached draft letter to Congressman Kildee, particularly the 4 requests for federal action. Please edit/add as necessary. Thanks for your quick attention to this – we need to have this ready for the Governor's signature by 8:30am tomorrow. Sorry for the tight turnaround.
> --Eric
>
> **Eric K Brown**
> Senior Federal Policy Representative
> State of Michigan – Governor Rick Snyder
> Washington D.C. Office
> 202.624.5840 (office)
> [redacted] (mobile)
>
> <Kildee Lead Flint DRAFT 09-30-2015.docx>

From: Lyon, Nick (DHHS)
Sent: Thursday, October 01, 2015 7:08 PM
To: Hertel, Elizabeth (DHHS)
Cc: Brown, Eric (GOV); Wyant, Dan (DEQ); Pallone, Maggie (DEQ); Mcbride, Bill (GOV)
Subject: Re: Kildee Letter DRAFT

I am fine with the letter as Elizabeth suggests. Thank you.

On Oct 1, 2015, at 7:00 PM, Hertel, Elizabeth (DHHS) <HertelE@michigan.gov> wrote:

> Eric,
>
> It looks good. I think we want to remove the premix formula ask, as we have learned there isn't a supply to support that. Also, to clarify in snap, we would like to be able to increase the current snap benefit so that people don't have to use the current amount they have for bottled water.
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> >
> > **Eric K Brown**
> > Senior Federal Policy Representative
> > State of Michigan – Governor Rick Snyder
> > Washington D.C. Office
> > 202.624.5840 (office)
> > [redacted](mobile)
> >
> > <Kildee Lead Flint DRAFT 09-30-2015.docx>

From: Pallone, Maggie (DEQ)
Sent: Thursday, October 01, 2015 8:52 PM
To: Brown, Eric (GOV)
Subject: Fwd: Kildee Letter DRAFT

Technical wording changes.

Begin forwarded message:

> **From:** "Busch, Stephen (DEQ)" <BUSCHS@michigan.gov>
> **Date:** October 1, 2015 at 7:11:24 PM EDT
> **To:** "Pallone, Maggie (DEQ)" <PalloneM@michigan.gov>
> **Cc:** "Benzie, Richard (DEQ)" <BENZIER@michigan.gov>
> **Subject: Re: Kildee Letter DRAFT**
>
> On the prior do you want to say begin?
>
> On the later it may be simpler to request expedited promulgation of the long term revisions to the lead and copper rule.
>
> Stephen Busch, P.E.
> Lansing and Jackson District Supervisor
> Office of Drinking Water and Municipal Assistance
> MDEQ
> 517-643-2314
>
> Sent from my iPhone
>
> On Oct 1, 2015, at 5:19 PM, Pallone, Maggie (DEQ) <PalloneM@michigan.gov> wrote:
>
> > Steve or Richard, please see the attached letter. Is that the correct wording for request #4?
> > Thanks,
> > Maggie
> >
> > ---
> >
> > **From:** Brown, Eric (GOV)
> > **Sent:** Thursday, October 1, 2015 5:16 PM
> > **To:** Lyon, Nick (DHHS) <LyonN2@michigan.gov>; Wyant, Dan (DEQ) <WyantD@michigan.gov>
> > **Cc:** Hertel, Elizabeth (DHHS) <HertelE@michigan.gov>; Pallone, Maggie (DEQ) <PalloneM@michigan.gov>; Mcbride, Bill (GOV) <mcbrideb@michigan.gov>
> > **Subject:** Kildee Letter DRAFT
> > **Importance:** High
> >
> > Nick & Dan:
> > Please take a look at the attached draft letter to Congressman Kildee, particularly the 4 requests for federal action. Please edit/add as necessary. Thanks for your quick

attention to this – we need to have this ready for the Governor's signature by 8:30am tomorrow. Sorry for the tight turnaround.
--Eric

Eric K Brown
Senior Federal Policy Representative
State of Michigan – Governor Rick Snyder
Washington D.C. Office
202.624.5840 (office)
[redacted] (mobile)

<Kildee Lead Flint DRAFT 09-30-2015.docx>

From: Hertel, Elizabeth (DHHS)
Sent: Friday, October 02, 2015 8:41 AM
To: Brown, Eric (GOV)
Subject: Re: Kildee Letter DRAFT

Perfect.

Sent from my iPhone

On Oct 2, 2015, at 8:34 AM, Brown, Eric (GOV) <BrownE15@michigan.gov> wrote:

> Does this line work for you?
>
> - Ease and/or eliminate restrictions on the purchase of bottled water for SNAP and WIC recipients. This should include a temporary, targeted increase in SNAP benefits so that the purchase of bottled water does not count against a recipients' current SNAP allocation.

From: Hertel, Elizabeth (DHHS)
Sent: Thursday, October 01, 2015 7:01 PM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Cc: Lyon, Nick (DHHS) <LyonN2@michigan.gov>; Wyant, Dan (DEQ) <WyantD@michigan.gov>; Pallone, Maggie (DEQ) <PalloneM@michigan.gov>; Mcbride, Bill (GOV) <mcbrideb@michigan.gov>
Subject: Re: Kildee Letter DRAFT

Eric,

It looks good. I think we want to remove the premix formula ask, as we have learned there isn't a supply to support that. Also, to clarify in snap, we would like to be able to increase the current snap benefit so that people don't have to use the current amount they have for bottled water.

Thank you!

Sent from my iPhone

On Oct 1, 2015, at 5:16 PM, Brown, Eric (GOV) <BrownE15@michigan.gov> wrote:

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> Please take a look at the attached draft letter to Congressman Kildee, particularly the 4 requests for federal action. Please edit/add as necessary. Thanks for your quick attention to this – we need to have this ready for the Governor's signature by 8:30am tomorrow. Sorry for the tight turnaround.
> --Eric
>
> **Eric K Brown**
> Senior Federal Policy Representative
> State of Michigan – Governor Rick Snyder
> Washington D.C. Office
> 202.624.5840 (office)

[redacted](mobile)

<Kildee Lead Flint DRAFT 09-30-2015.docx>

From: Hall, Jean (GOV)
Sent: Friday, October 02, 2015 9:08 AM
To: Brown, Eric (GOV)
Cc: Mcbride, Bill (GOV)
Subject: RE: Flint letters

Got it. Will take me a minute to get on letterhead and sign. Stand by.

Jean Hall
Executive Assistant
Office of Strategic Policy
Executive Office of Governor Rick Snyder
Hallj16@michigan.gov
517-241-5493

From: Brown, Eric (GOV)
Sent: Friday, October 02, 2015 9:02 AM
To: Hall, Jean (GOV) <hallj16@michigan.gov>
Cc: Mcbride, Bill (GOV) <mcbrideb@michigan.gov>
Subject: Flint letters

Jean,
Thanks for your help this morning. I have included 3 letters, one for Congressman Kildee, and one each for Senators Peters and Stabenow. Please let me know if there are any format problems, etc. I need these ASAP, if possible. Sorry for the fire drill!
--Eric

Eric K Brown
Senior Federal Policy Representative
State of Michigan – Governor Rick Snyder
Washington D.C. Office
202.624.5840 (office)
[redacted](mobile)

From: Hertel, Elizabeth (DHHS)
Sent: Friday, October 02, 2015 10:19 AM
To: Brown, Eric (GOV)
Subject: RE: Kildee Letter DRAFT

Would you send us a copy of the final letter that is being sent?

Thanks for your work on this.

From: Brown, Eric (GOV)
Sent: Friday, October 02, 2015 8:34 AM
To: Hertel, Elizabeth (DHHS)
Subject: RE: Kildee Letter DRAFT
Importance: High

Does this line work for you?

- Ease and/or eliminate restrictions on the purchase of bottled water for SNAP and WIC recipients. This should include a temporary, targeted increase in SNAP benefits so that the purchase of bottled water does not count against a recipients' current SNAP allocation.

From: Hertel, Elizabeth (DHHS)
Sent: Thursday, October 01, 2015 7:01 PM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Cc: Lyon, Nick (DHHS) <LyonN2@michigan.gov>; Wyant, Dan (DEQ) <WyantD@michigan.gov>; Pallone, Maggie (DEQ) <PalloneM@michigan.gov>; Mcbride, Bill (GOV) <mcbrideb@michigan.gov>
Subject: Re: Kildee Letter DRAFT

Eric,

It looks good. I think we want to remove the premix formula ask, as we have learned there isn't a supply to support that. Also, to clarify in snap, we would like to be able to increase the current snap benefit so that people don't have to use the current amount they have for bottled water.

Thank you!

Sent from my iPhone

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> Please take a look at the attached draft letter to Congressman Kildee, particularly the 4 requests for federal action. Please edit/add as necessary. Thanks for your quick attention to this – we need to have this ready for the Governor's signature by 8:30am tomorrow. Sorry for the tight turnaround.
> --Eric

Eric K Brown
Senior Federal Policy Representative
State of Michigan – Governor Rick Snyder
Washington D.C. Office
202.624.5840 (office)
[redacted] (mobile)

<Kildee Lead Flint DRAFT 09-30-2015.docx>

From: Pallone, Maggie (DEQ)
Sent: Friday, October 02, 2015 10:38 AM
To: [redacted] Neeley, Rep Sheldon; Dickinson, Jordan; Andrew Leavitt
Cc: Hertel, Elizabeth (DHHS); Brown, Eric (GOV); amglasson@house.mi.gov; Michelle Carnevale
Subject: Re: Flint water announcement

[redacted]
Access [redacted]

On Oct 1, 2015, at 5:18 PM, Pallone, Maggie (DEQ) <PalloneM@michigan.gov> wrote:

> Congressman Kildee, Senator Ananich, Representative Neeley and Representative Phelps,
>
> Tomorrow at 1:30 PM Director Nick Lyons and Director Dan Wyant, along with Mayor Walling, will holding a press conference to announce an action plan for addressing the water in the city of Flint. We would like to extend an invite for you to attend. The press conference will only be open to the media. The announcement will be held at the Kettering University, Innovation Center (1300 Bluff St., Flint, MI 48504)
>
> Before the announcement we would like to do a pre-briefing call with you at 10:30 AM tomorrow. The call in information is:
>
> [redacted]
>
> Please give me a call on my cell if you have any questions ([redacted]). Also, please let me know if you plan on attending the announcement.
>
> Thanks,
> Maggie

Maggie Pallone
Deputy Director
Policy and Legislative Affairs
Department of Environmental Quality
[redacted](cell)
PalloneM@michigan.gov

From: Hertel, Elizabeth (DHHS)
Sent: Friday, October 02, 2015 10:43 AM
To: Brown, Eric (GOV)
Cc: Pallone, Maggie (DEQ)
Subject: Re: Flint letters

Thanks Eric.

Sent from my iPad

On Oct 2, 2015, at 10:42 AM, Brown, Eric (GOV) <BrownE15@michigan.gov> wrote:

> Letters going to Kildee, Stabenow, Peters. Since Director Wyant is going through the list of what we are announcing on the call right now, I just sent these letters to the offices.
>
> <10.2.15 Kildee.pdf>
>
> <10.2.15 Peters.pdf>
>
> <10.2.15 Stabenow.pdf>

From: VanKuiken, Matt (Stabenow) <Matt_VanKuiken@stabenow.senate.gov>
Sent: Friday, October 02, 2015 10:45 AM
To: Brown, Eric (GOV); Sweeney, Bill (Stabenow)
Cc: Mcbride, Bill (GOV)
Subject: RE: Flint Water

Thanks Eric!

Matt VanKuiken
Legislative Director
Senator Debbie Stabenow
731 Hart Office Building
Washington, DC 20510
202.224.4822

From: Brown, Eric (GOV) [mailto:BrownE15@michigan.gov]
Sent: Friday, October 02, 2015 10:41 AM
To: Sweeney, Bill (Stabenow); VanKuiken, Matt (Stabenow)
Cc: Mcbride, Bill (GOV)
Subject: Flint Water

Bill & Matt:
Please see the attached letter to Senator Stabenow from Governor Snyder. Please let me know if you have any questions.
Thanks,
--Eric

Eric K Brown
Senior Federal Policy Representative
State of Michigan – Governor Rick Snyder
Washington D.C. Office
202.624.5840 (office)
[redacted] (mobile)

SIGN UP FOR THE
SENATOR'S NEWSLETTER

From: Feldman, Eric (Peters) <Eric_Feldman@peters.senate.gov>
Sent: Friday, October 02, 2015 10:47 AM
To: Brown, Eric (GOV)
Cc: Johnson, Bentley (Peters); Mcbride, Bill (GOV); Weinberg, David (Peters)
Subject: Re: Flint Water

Thank you Eric. Bentley please get into the requested federal action items ASAP.

Sent from my BlackBerry 10 smartphone on the Verizon Wireless 4G LTE network.

From: Brown, Eric (GOV)
Sent: Friday, October 2, 2015 10:41 AM
To: Feldman, Eric (Peters)
Cc: Johnson, Bentley (Peters); Mcbride, Bill (GOV)
Subject: Flint Water

Eric,
Please see the attached letter to Senator Peters from Governor Snyder. Please let me know if you have any questions.
Thanks,
--Eric

Eric K Brown
Senior Federal Policy Representative
State of Michigan – Governor Rick Snyder
Washington D.C. Office
202.624.5840 (office)
[redacted] (mobile)

From: Andrew Leavitt <ALeavitt@senate.michigan.gov>
Sent: Friday, October 02, 2015 11:22 AM
To: Pallone, Maggie (DEQ)
Cc: [redacted] Neeley, Rep Sheldon; Dickinson, Jordan; Hertel, Elizabeth (DHHS); Brown, Eric (GOV); amglasson@house.mi.gov; Michelle Carnevale
Subject: Re: Flint water announcement

Jim cannot make it. But I will attend.

Sent from my iPhone

On Oct 2, 2015, at 10:38 AM, Pallone, Maggie (DEQ) <PalloneM@michigan.gov> wrote:

[redacted]

On Oct 1, 2015, at 5:18 PM, Pallone, Maggie (DEQ) <PalloneM@michigan.gov> wrote:

Congressman Kildee, Senator Ananich, Representative Neeley and Representative Phelps,

Tomorrow at 1:30 PM Director Nick Lyons and Director Dan Wyant, along with Mayor Walling, will holding a press conference to announce an action plan for addressing the water in the city of Flint. We would like to extend an invite for you to attend. The press conference will only be open to the media. The announcement will be held at the Kettering University, Innovation Center (1300 Bluff St., Flint, MI 48504)

Before the announcement we would like to do a pre-briefing call with you at 10:30 AM tomorrow. The call in information is:

[redacted]

Please give me a call on my cell if you have any questions ([redacted]). Also, please let me know if you plan on attending the announcement.

Thanks,
Maggie

Maggie Pallone
Deputy Director
Policy and Legislative Affairs
Department of Environmental Quality
[redacted] (cell)
PalloneM@michigan.gov

From: Johnson, Bentley (Peters) <Bentley_Johnson@peters.senate.gov>
Sent: Friday, October 02, 2015 12:58 PM
To: Brown, Eric (GOV)
Subject: RE: Flint Water

Thanks and I'll likely be in touch shortly on this.

From: Brown, Eric (GOV) [mailto:BrownE15@michigan.gov]
Sent: Friday, October 02, 2015 10:42 AM
To: Feldman, Eric (Peters) <Eric_Feldman@peters.senate.gov>
Cc: Johnson, Bentley (Peters) <Bentley_Johnson@peters.senate.gov>; Mcbride, Bill (GOV) <mcbrideb@michigan.gov>
Subject: Flint Water

Eric,
Please see the attached letter to Senator Peters from Governor Snyder. Please let me know if you have any questions.
Thanks,
--Eric

Eric K Brown
Senior Federal Policy Representative
State of Michigan – Governor Rick Snyder
Washington D.C. Office
202.624.5840 (office)
[redacted](mobile)

From: Grijalva, Nancy (DHHS)
Sent: Friday, October 02, 2015 5:18 PM
To: Brown, Eric (GOV)
Subject: RE: Flint letters

Thanks Eric! You too!

From: Brown, Eric (GOV)
Sent: Friday, October 02, 2015 5:16 PM
To: Grijalva, Nancy (DHHS) <GrijalvaN@michigan.gov>
Subject: Fwd: Flint letters

Nancy,
Please see the attached documents. Have a great weekend!
--Eric

Sent from my mobile device

Begin forwarded message:

> **From:** "Brown, Eric (GOV)" <BrownE15@michigan.gov>
> **To:** "Pallone, Maggie (DEQ)" <PalloneM@michigan.gov>, "Hertel, Elizabeth (DHHS)" <HertelE@michigan.gov>
> **Subject: FW: Flint letters**
>
> Letters going to Kildee, Stabenow, Peters. Since Director Wyant is going through the list of what we are announcing on the call right now, I just sent these letters to the offices.

From: Dickinson, Jordan <Jordan.Dickinson@mail.house.gov>
Sent: Wednesday, October 07, 2015 5:38 PM
To: Brown, Eric (GOV); Mcbride, Bill (GOV); Wurfel, Brad (DEQ); Pallone, Maggie (DEQ); Murray, David (GOV); Emmitt, Beth (GOV)
Subject: Cong. Kildee Response to Gov. Snyder Letter
Attachments: 100715 Response to 100215 Snyder Letter.pdf; 09-22-15 Kildee Requesting Temporary Assistance for Lead in Flint Water.pdf; 03-27-15 - SRF Loan Forgiveness for Flint - EPA (McCarthy).pdf

Hi Everyone,

Please see the attached letter to Governor Snyder. Can you make sure he sees it? Congressman Kildee is looking forward to the call with Governor Snyder tomorrow to hear updates on the Flint water emergency.

Thank you,

Jordan Dickinson
Legislative Assistant
Congressman Dan Kildee (MI-05)
227 Cannon House Office Building
Washington, D.C. 20515
Phone: (202) 225-3611
www.dankildee.house.gov

Sign up for Congressman Dan Kildee's e-newsletter

DANIEL T. KILDEE
5TH DISTRICT, MICHIGAN

COMMITTEE ON
FINANCIAL SERVICES

SUBCOMMITTEE ON
HOUSING AND INSURANCE

SUBCOMMITTEE ON
MONETARY POLICY AND TRADE

SENIOR WHIP

DEMOCRATIC POLICY AND
COMMUNICATIONS COMMITTEE

Congress of the United States
House of Representatives
Washington, DC 20515

WASHINGTON OFFICE

227 CANNON HOUSE OFFICE BUILDING
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(202) 226-6393 (FAX)

DISTRICT OFFICE

111 EAST COURT STREET #3B
FLINT, MI 48502
(810) 238-8627
(810) 238-8658 (FAX)

WWW.DANKILDEE.HOUSE.GOV
/REPDANKILDEE
@REPDANKILDEE

October 7, 2015

Governor Rick Snyder
Executive Office of the Governor
P.O. Box 30013
Lansing, Michigan 48909

Governor Snyder,

Thank you for your letter on October 2, 2015, regarding the state of Michigan's plans to respond to the crisis regarding the drinking water in Flint, Mich. I encourage you to immediately implement the action plan outlined so that Flint residents can have safe drinking water.

Moreover, you asked for my assistance in working with federal agencies to address this issue. Due to the urgent nature of this issue, I want to update you that my staff and I are working closely with Senators Stabenow and Peters and have been in communication with the appropriate agencies. I will continue to do everything I can to help address this issue at the federal level.

On September 22, 2015, I previously wrote letters to the U.S. Environmental Protection Agency, Department of Health and Human Services, Centers for Disease Control and Federal Emergency Management Agency requesting immediate assistance to provide safe drinking water to Flint.

In addition, on March 26, 2015, I sent a letter to the U.S. Environmental Protection Agency asking them to clarify if there is any statutory limitation on states to forgive the principal on loans made through the Safe Drinking Water State Revolving Fund.

Again, thank you for beginning to utilize your office's resources to help address the water quality in Flint. I look forward to working with you on the shared goal of helping the residents of Flint have safe drinking water.

Sincerely,

Dan Kildee
MEMBER OF CONGRESS

DANIEL T. KILDEE
5TH DISTRICT, MICHIGAN

COMMITTEE ON
FINANCIAL SERVICES

SUBCOMMITTEE ON
HOUSING AND INSURANCE

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Congress of the United States
House of Representatives
Washington, DC 20515

WASHINGTON OFFICE

227 CANNON HOUSE OFFICE BUILDING
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(202) 225-6393 (FAX)

DISTRICT OFFICE

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(810) 238-8627
(810) 238-8658 (FAX)

WWW.DANKILDEE.HOUSE.GOV
/REPDANKILDEE
@REPDANKILDEE

September 22, 2015

Secretary Sylvia Matthews Burwell
U.S. Department of Health & Human Services
HHS Office of the Secretary
200 Independence Avenue, S.W.
Washington, DC 20201

Administrator William Craig Fugate
Federal Emergency Management Agency
500 C Street, S.W.
Washington, DC 20472

Administrator Gina McCarthy
Environmental Protection Agency
Office of the Administrator 1101A
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

Director Tom Frieden
Centers for Disease Control and Prevention
1600 Clifton Road
Atlanta, GA 30329

Secretary Burwell, Administrator McCarthy, Administrator Fugate and Director Frieden:

Recent developments regarding the level of lead in the water in one of the communities I represent, Flint, Mich., have raised significant concerns about the safety of its drinking water. For this reason, I am requesting immediate resources to provide safe drinking water to the residents of Flint until additional testing can be completed that confirms the water is safe, particularly for young children.

Although the city of Flint and the Michigan Department of Environmental Quality have conducted tests and taken the position that the lead level in the water is safe and below the action level, there are significant questions about the efficacy of their testing. In fact, Dr. Marc Edwards of Virginia Tech University, an established drinking water expert, conducted his own tests as part of a study that determined the water in Flint was above the lead action level.

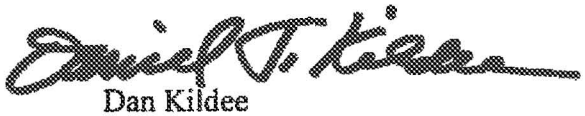
Additionally, yesterday the Greater Flint Health Coalition, a group of health professionals in the community, released a report showing elevated blood lead levels in residents in Flint, particularly in young children. In response, the Coalition has requested that the Genesee County Health Department release a health advisory indicating that the water in Flint is unsafe to drink.

Thus, I am requesting resources from your agency to provide clean drinking water to the residents of Flint until additional testing can determine when the water will be safe to drink and a long-term solution can be implemented.

This is a serious health issue, particularly for young children, and until the water is demonstrated to be safe, immediate action must be taken to ensure Flint's residents have potable drinking water.

I look forward to working with you and thank you for your immediate attention.

Sincerely,



Dan Kildee
MEMBER OF CONGRESS

DANIEL T. KILDEE
5TH DISTRICT, MICHIGAN

COMMITTEE ON
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Congress of the United States
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Washington, DC 20515

WASHINGTON OFFICE

227 CANNON HOUSE OFFICE BUILDING
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(202) 225-6393 (FAX)

DISTRICT OFFICE

801 SOUTH SAGINAW STREET
PLAZA LEVEL
FLINT, MI 48502
(810) 239-8627
(810) 239-8658 (FAX)

March 26, 2015

Ms. Gina McCarthy
Administrator, Environmental Protection Agency
1101 A
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

Dear Administrator McCarthy:

My office has reached out to both the Office of Congressional and Intergovernmental Relations at the Environmental Protection Agency (EPA) and the Congressional Research Service (CRS) to determine if there are any statutory limitations on states to forgive the principal on loans made through the Safe Drinking Water State Revolving Fund (SDWSRF) program. After talking to both of these offices, there seems to be a difference in legal opinion between the two interpretations as to whether forgiveness of principal is statutorily allowed, and I am requesting further clarification.

The City of Flint, Mich., located in my district, continues to endure prolonged and severe financial stress due to the loss of thousands of manufacturing jobs, resulting in population loss and an erosion of its tax base. In an effort to improve the city's financial stability, Flint decided to end its 50-plus-year affiliation with the City of Detroit Water and Sewage Department in April of 2013. Instead, Flint would become a partner in the Karegnondi Water Authority (KWA) to bring raw water from Lake Huron to the city.

The water contract between the City of Detroit Water and Sewage Department and Flint was terminated in May of 2014.The KWA, however, will not be able to provide water to the city until its pipeline from Flint to Lake Huron is completed at the end of 2016. To fill the gap in service until the KWA is completed, Flint has turned to the Flint River as its current source for raw water. The Flint River has proven to have an inconsistent quality because of high levels of organic matter. Flint water officials have used high levels of trihalomethanes to treat the occasional elevated levels of organic matter in the water. On December 16, 2014, the Michigan Department of Environmental Quality cited the city for being in violation of water standards determined by the Safe Drinking Water Act (SDWA) due to high levels of trihalomethanes. In accordance with the SDWA, a cautionary notice about the citation was subsequently sent to residents.

Since its citation, Flint has engaged local and state leaders to find a solution for the poor quality of the water. On February 3, 2015, the state gave the city close to $2 million to hire consultants to assess the condition and find leaks in the water infrastructure system. While this funding is a step in the right direction, it is not nearly enough to significantly improve the water quality.

This background on Flint's water situation is to point out that the SDWA is intended to improve drinking water in America's cities, such as Flint, by creating water quality standards and funding the SDWSRF to invest in water infrastructure. In addition to the high levels of trihalomethanes, the poor condition of water infrastructure in Flint, regardless of the water's source, contributes to discolored and poor tasting water. Furthermore, Flint currently suffers an over 35 percent loss ratio of water between the treatment plant and the end user. In the past, Flint has benefitted from the SDWSRF and currently has close to $22 million in outstanding loans from it that the city has used to repair the water system. The financial stress of making payments on these loans, however, has prevented the city from making the necessary ongoing investments to its water infrastructure.

To decrease the burden of these loans, on January 18, 2015, Flint requested that the state of Michigan, as the responsible party in appropriating funds from the SDWSRF to local governments, forgive part of the principal. The state responded that forgiving the principal is not an option as the state does not have the authority to do so.

In response to the state's reply, on February 10, 2015, my staff reached out to the Office of Congressional and Intergovernmental Relations at the EPA to ask if they were aware of any statutory language that prevents principal forgiveness of loans made under the SDWSRF. On February 25, 2015, the EPA responded that they "could find … no provision that would allow a state to [forgive an existing loan made from a Safe Drinking Water Act state revolving fund]."

On February 23, 2015, my staff also reached out to the CRS for their legal opinion on this matter. Although they could not find any precedent for doing so, the CRS did find two instances in statute that, in their opinion, allows states to forgive the principal on loans made through the SDWSRF.

First, SDWA sec. 1452(d)(1), 42 USC 300j-12(d)(1), states – "Notwithstanding any other provision of this section, in any case in which the State makes a loan pursuant to subsection (a)(2) of this section to a disadvantaged community … , the State may provide additional subsidization (including forgiveness of principal)."

Second, the Consolidated and Further Continuing Appropriations Act, 2015, Pub. Law 113-235, states on page 296 – "Provided further, [t]hat not less than 20 percent but not more than 30 percent of the funds made available under this title to each State for Drinking Water State Revolving Fund capitalization grants shall be used by the State to provide additional subsidy to eligible recipients in the form of forgiveness of principal, negative interest loans, or grants (or any combination of these), and shall be so used by the State only where such funds are provided as initial financing for an eligible recipient or to buy, refinance, or restructure the debt obligations of eligible recipients only where such debt was incurred on or after the date of enactment of this Act; …."

The difference in opinion between EPA and CRS has created ambiguity for the affected parties. The ability of states to forgive portions of the principal on loans made through the SDWSRF could have a significant impact on the financial state of Flint and many other distressed municipalities across the county. I would appreciate clarification from you on what, according to EPA's interpretation of the law, statutorily prevents states from forgiving the principal on loans made under the SDWSRF.

Due to critical nature of the water quality in Flint and the impact that loan forgiveness could have on improving the quality of the water, I ask for your prompt attention to this matter.

Sincerely,

Dan Kildee
MEMBER OF CONGRESS

cc:
Cathy Davis, EPA
Eileen Deamer, EPA
Robert Meltz, CRS

From: Anderson, Madhu (DEQ)
Sent: Friday, October 09, 2015 11:02 AM
To: Brown, Eric (GOV)
Cc: Thelen, Mary Beth (DEQ); Copen, Leigh (DEQ)
Subject: DC visit

Eric – Dan Wyant, Heidi Grether (MI Agency for Energy), Mary Maupin (DEQ) and I will be attending a one day seminar on the Carbon Rule run by ECOS. We will be in Washington DC on October 21 (the day of the conference) through about noon on the 22st. Dan would like to take the opportunity to visit with congressional members if possible during that time (he's willing to skip out of the conference if necessary). Topics to be discussed are Energy, drinking water issues in Flint, and Invasives. If you would like to give this some thought and see if some meetings are possible, we'd appreciate it. Thanks,

Madhu R. Anderson
Deputy Director, Economic and Strategic Initiatives
☎ 517 284 6702 [redacted]
✉ andersonm30@michigan.gov

From: Taylor, Nicole (GOV)
Sent: Tuesday, October 13, 2015 8:27 AM
To: Brown, Eric (GOV)
Subject: RE: DC visit

Yeah, Mary Beth sent this to me too. Thoughts on if/who they should meet with?

Nicole Taylor | State of Michigan – Washington, D.C. Office of the Governor | 202.624.5840

From: Brown, Eric (GOV)
Sent: Monday, October 12, 2015 5:05 PM
To: Taylor, Nicole (GOV) <TaylorN7@michigan.gov>
Cc: Mcbride, Bill (GOV) <mcbrideb@michigan.gov>
Subject: FW: DC visit

See below

From: Anderson, Madhu (DEQ)
Sent: Friday, October 09, 2015 11:02 AM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Cc: Thelen, Mary Beth (DEQ) <THELENM2@michigan.gov>; Copen, Leigh (DEQ) <CopenL1@michigan.gov>
Subject: DC visit

Eric – Dan Wyant, Heidi Grether (MI Agency for Energy), Mary Maupin (DEQ) and I will be attending a one day seminar on the Carbon Rule run by ECOS. We will be in Washington DC on October 21 (the day of the conference) through about noon on the 22st. Dan would like to take the opportunity to visit with congressional members if possible during that time (he's willing to skip out of the conference if necessary). Topics to be discussed are Energy, drinking water issues in Flint, and Invasives. If you would like to give this some thought and see if some meetings are possible, we'd appreciate it. Thanks,

Madhu R. Anderson
Deputy Director, Economic and Strategic Initiatives
☎ 517 284 6702 [redacted]
✉ andersonm30@michigan.gov

From: Congressman Dan Kildee <MI05DKima@mail.house.gov>
Sent: Thursday, October 22, 2015 6:37 PM
To: Brown, Eric (GOV)
Subject: Join Me Wednesday for an Update on Flint Water

Click here to open this e-mail in its own browser window Click here to open a plain text version of this email

News from Representative Kildee
Click here to open this e-mail in its own browser window Click here to open a plain text version of this email

Dear Eric,

The Flint water crisis is a failure of government at every level, and I am committed to increasing transparency and finding answers to ensure that these failures never happen again. That's why I have called for an investigation into the causes of water problems in Flint.

Simply put, high lead levels in Flint's drinking water are unacceptable, and there must be accountability.

As part of my ongoing efforts, I am holding a **telephone town hall with constituents on Wednesday, October 28th, at 7 p.m. ET** to provide an update on my efforts. I'll be joined by both Dr. Mona Hanna-Attisha and Dr. Marc Edwards, who both conducted critical tests that exposed unacceptable lead levels in Flint. On the live call, we will also answer questions from Flint residents.

If you're interested in joining our conversation, please RSVP here, or fill out the form below.

What is your preferred Prefix (Mr./Mrs./Ms./Dr., etc)?
[ ]
What is your First Name?
[ ]
What is your Last Name?
[ ]
What phone number would you like to use to participate in the telephone town hall?
[ ]
What is your Email Address?
[ ]
What is your Address?
[ ]
What is your Zip Code?
[ ]

[RSVP!]

Click to open in a separate window

For months, I have been pressing state and federal agencies for immediate resources and action to improve and restore confidence in water quality. At the federal level, I am pushing for resources to ensure the safety of water, but also make much-needed repairs to our city's aging water system and

infrastructure. *The Flint Journal* covered these federal efforts in March. You can view them here.

Additionally, I welcome the announcement recently that the U.S. Environmental Protection Agency will send technical advisors to Flint to assist the city and state. I have repeatedly asked the EPA to send these much-needed experts to help improve the water quality and hopefully restore some public confidence in the safety of our water.

Serious issues remain, and there is a long way to go before complete confidence in the city's drinking water is restored. I am committed to working to ensure that Flint residents get a thorough investigation and answers to their questions.

I hope you'll join me next Wednesday for a telephone town hall update on Flint water.

Sincerely,

Dan Kildee

Washington D.C. Office
227 Cannon HOB
Washington, DC 20515
Phone: (202) 225-3611
Hours: 9:00 a.m. - 6:00 p.m.

District Office
111 East Court Street, #3B
Flint, MI 48502
Phone: (810) 238-3627
Hours: 9:00 a.m. - 5:00 p.m.

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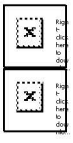

From: Thelen, Mary Beth (DEQ)
Sent: Monday, November 02, 2015 7:55 AM
To: DEQ-EXE-Division-Chiefs; Brown, Eric (GOV)
Cc: Shaler, Karen (DEQ); Howes, Sarah (DEQ); Feuerstein, Heather (DEQ); Sygo, Jim (DEQ); DEQ-EXE-DC-Secretaries; Anderson, Madhu (DEQ); Pallone, Maggie (DEQ); Feuerstein, Heather (DEQ); Shaler, Karen (DEQ); Olszewski, Rosemarie (DEQ); Thelen, Mary Beth (DEQ)
Subject: RE: Michigan Chapter of the National Association of Surface Finishers in Lansing at its legislative conference on Monday November 2.

Importance: High

District visits presentation.p...

Chiefs or Liz,

Jim Sygo has a really bad cold and unable to come to the office today. He has an 11:30-12:00 speech at the following:

Subject: Michigan Chapter of the National Association of Surface Finishers in Lansing at its legislative conference on Monday November 2.

Both Maggie and Madhu are tied up with other speeches or other meetings at this time. Director has a meeting with the Governor. Jim asked if one of the other chiefs or Liz would be available to do this speech (details below). Since I'll be at SMT I'll bring this up then, but if you know you can help Jim out with this, please let Karen Shaler know by 10:30 this morning. Whoever speaks can use the attached PP or you can talk about whatever you feel would be important/hot items.

Bryce is already speaking at 1:00.

Thank you!

Mary Beth

Mary Beth Thelen
Management Assistant to Director Dan Wyant
Department of Environmental Quality
Constitution Hall, 6th Floor South
Phone: 517-284-6712 or 284-6700 (new numbers)
Fax: 517-241-7401
Thelenm2@michigan.gov

-----Original Appointment-----
From: Thelen, Mary Beth (DEQ)
Sent: Thursday, October 29, 2015 10:07 AM
To: Thelen, Mary Beth (DEQ); 'Sygo, Jim (DEQ) (SygoJ@michigan.gov)'
Cc: Shaler, Karen (DEQ); Thelen, Mary Beth (DEQ); Howes, Sarah (DEQ); Feuerstein, Heather (DEQ)
Subject: Michigan Chapter of the National Association of Surface Finishers in Lansing at its legislative conference on Monday November 2.
When: Monday, November 02, 2015 11:30 AM-12:30 PM (UTC-05:00) Eastern Time (US & Canada).
Where: State Bar of Michigan, 306 Townsend St., Lansing

Jim, if you can get their earlier, like 11:15 – great – if not, that's okay and 11:30 is fine.

Jim Sygo to speak at this conference from 11:30-12:00 (arrive earlier if you can and they can accommodate you at 11:15 if it works out). They will also have a box lunch for you in case you can stay for an extra half hour or you can take with you.

MBT to give you a copy of the Director's PP – they want to hear what DEQ is doing (hot items) and what we see coming down the road.

FYI: Bryce is speaking at 1:00.

FYI: My understanding that Senator Mike Kowall canceled on them for the 12:00 speech.

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I'll try and get their final agenda from them as well as a list of particpants.

Contact Person:
Beth Gotthoff (Karen, I lost my piece of paper – will look for it as it has Erin's number on it.
Erin Burns, Executive Director
Michigan Chapter of NASF
www.minasf.org

Thank you.

Mary Beth

From: Feuerstein, Heather (DEQ)
Sent: Friday, October 09, 2015 2:46 PM
Subject: District visits presentation.pptx
Attachments: District visits presentation.pptx

Department of
Environmental Quality
PURE MICHIGAN

Dan Wyant
Director

Guiding Principles

Leaders in environmental stewardship
Partners in economic development
Providers of excellent customer service

2015 DEQ Priorities

- Organizational Excellence
- Increase Recycling
- Combat Invasive Species
- Improve Water Quality
- Focus on Water Use
- Achieve Air Quality Compliance in All Counties
- Emphasize Remediation for Redevelopment
- Stabilize Funding
- Streamline Burdensome Rules and Regulations
- Expand Role in Economic Development

Statewide Issues

- Water Use
- 201 Criteria
- Air Toxics
- Urban Oil and Gas
- Pipeline Safety Advisory Board
- Governor's Recycling Council
- Fracking Rules
- Aquaculture
- Flint Drinking Water
- Western Lake Erie Basin Algae
- Composting in Macomb County

Organizational Excellence

DEQ: One of the Best

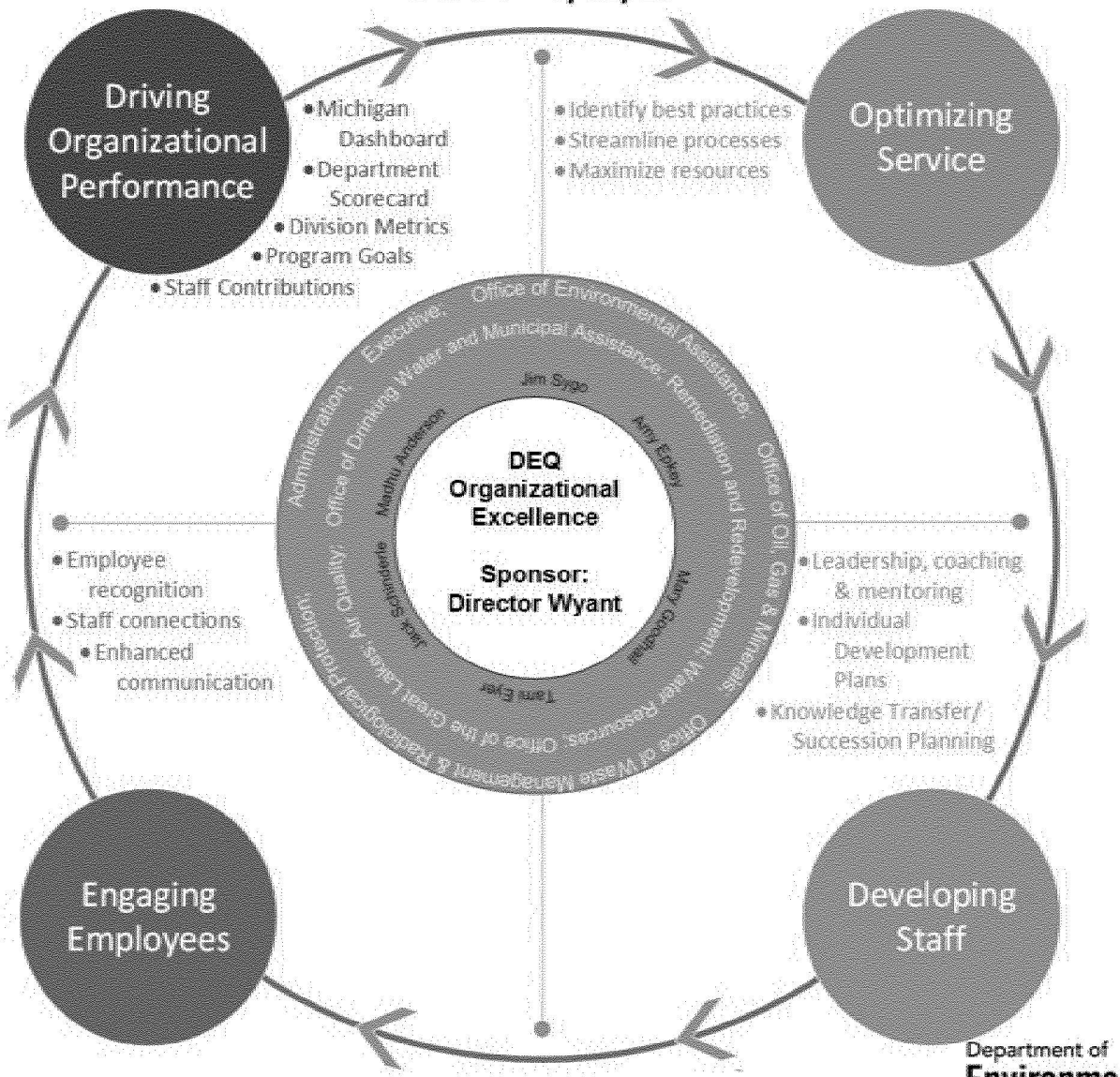
- Engagement survey results confirm DEQ is on the right path: a 10 percent gain in employee engagement since 2013.

- DEQ's Engagement Index exceeds the SOM overall, plus the benchmark indices for the service industry and high performing companies.

[Speaker Notes For Slide: 7]

DEQ was one of the 4 Departments with the largest positive change in Engagement: Corrections, State Police, Military and Veterans' Affairs were the other three
58 percent of DEQ's employees are identified as champions, a 10 percent increase since 2013. The only other principal department to gain 10 percent was corrections –
The others were the Governor's office and the Bureau of the Lottery.

DRAFT – 7/31/15



Department of Environmental Quality
PURE MICHIGAN

[Speaker Notes For Slide: 9]

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The model depicts use of cross-divisional OneVoice teams. Each Team has a project sponsor and are comprised of representatives from each division. Team sponsors are: (click through the slides and each segment adds in)

Metrics Team – Jack Schinderle
Process Improvement Team – Amy Epkey
Staff Development Team – co-sponsors Tami Eyer and Mary Goodhall
Employee Engagement Team – Jack Schinderle

Team members form the conduit into, out, and across all divisions. The success of their continuing work is contingent on broad communication. Watch for upcoming news and announcements from each of these teams as the work unfolds. Make yourself aware of who team members are and engage in their conversations.

Department of
Environmental Quality
PURE MICHIGAN

From: Shaler, Karen (DEQ)
Sent: Monday, November 02, 2015 8:15 AM
To: Browne, Elizabeth (DEQ)
Cc: Brown, Eric (GOV); Thelen, Mary Beth (DEQ)
Subject: FW: Michigan Chapter of the National Association of Surface Finishers in Lansing at its legislative conference on Monday November 2.

Importance: High

Oops, Eric, Mary Beth meant to send this to Liz Browne not you, but I'm sure you realized that. ☺ Have a nice day!

Karen

From: Thelen, Mary Beth (DEQ)
Sent: Monday, November 02, 2015 7:55 AM
To: DEQ-EXE-Division-Chiefs; Brown, Eric (GOV)
Cc: Shaler, Karen (DEQ); Howes, Sarah (DEQ); Feuerstein, Heather (DEQ); Sygo, Jim (DEQ); DEQ-EXE-DC-Secretaries; Anderson, Madhu (DEQ); Pallone, Maggie (DEQ); Feuerstein, Heather (DEQ); Shaler, Karen (DEQ); Olszewski, Rosemarie (DEQ); Thelen, Mary Beth (DEQ)
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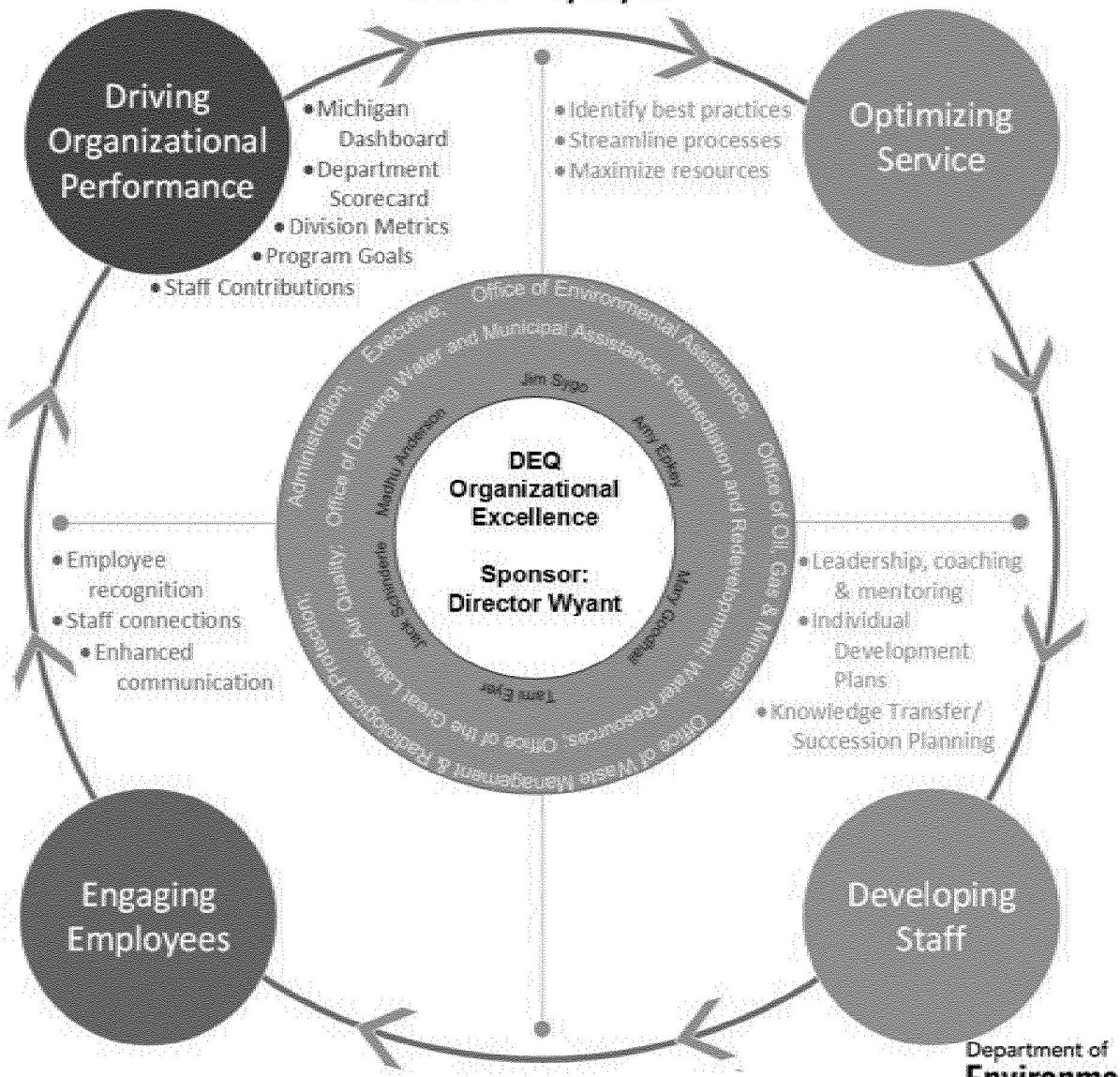

Department of Environmental Quality
PURE MICHIGAN

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Department of
Environmental Quality
PURE MICHIGAN

From: Lane, Michelle <Michelle.Lane@mail.house.gov>
Sent: Wednesday, December 16, 2015 11:55 AM
To: Brown, Eric (GOV)
Subject: water issue

Eric,

You may already be aware of this, but there is an interesting section of the omnibus that deals with emergency drinking water problems in the omnibus (ag portion). Might be applicable for Flint, if you could get a natural disaster determination. Not really our area, but just trying to be helpful ☺

SEC. 731. In response to an eligible community where the drinking water supplies are inadequate due to a natural disaster, as determined by the Secretary, including drought or severe weather, the Secretary may provide potable water through the Emergency Community Water Assistance Grant Program for an additional period of time not to exceed 120 days beyond the established period provided under the Program in order to protect public health.

Michelle Lane
Legislative Director
Dan Benishek M.D.
Member of Congress
Michigan's First District
(202)225-4735

From: Lane, Michelle <Michelle.Lane@mail.house.gov>
Sent: Wednesday, December 16, 2015 1:08 PM
To: Brown, Eric (GOV)
Subject: RE: water issue

np

From: Brown, Eric (GOV) [mailto:BrownE15@michigan.gov]
Sent: Wednesday, December 16, 2015 12:50 PM
To: Lane, Michelle
Subject: RE: water issue

Thanks!

From: Lane, Michelle [mailto:Michelle.Lane@mail.house.gov]
Sent: Wednesday, December 16, 2015 11:55 AM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: water issue

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Legislative Director
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(202)225-4735

From: Brown, Eric (GOV)
Sent: Thursday, October 01, 2015 10:01 AM
To: Hertel, Elizabeth (DHHS)
Subject: RE: Flint

Sounds good, I'll be at my desk

From: Hertel, Elizabeth (DHHS)
Sent: Thursday, October 01, 2015 9:55 AM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: Re: Flint

Yes - I am meeting with my public health people until 10:30 and can call when that's done, if that is ok.

Sent from my iPad

On Oct 1, 2015, at 9:51 AM, Brown, Eric (GOV) <BrownE15@michigan.gov> wrote:

> Elizabeth,
> Could you give me a call this morning? I need to discuss a few things with you about Flint water. My direct line is (202) 624-3646. Thanks!
> --Eric
>
> **Eric K Brown**
> Senior Federal Policy Representative
> State of Michigan – Governor Rick Snyder
> Washington D.C. Office
> 202.624.5840 (office)
> [redacted] (mobile)

From: Brown, Eric (GOV)
Sent: Thursday, October 01, 2015 11:27 AM
To: Hertel, Elizabeth (DHHS)
Cc: Pallone, Maggie (DEQ)
Subject: RE: Flint

It's fine to send me the same packet you're sending to others in the gov's office. Thanks

---

From: Hertel, Elizabeth (DHHS)
Sent: Thursday, October 01, 2015 11:25 AM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Cc: Pallone, Maggie (DEQ) <PalloneM@michigan.gov>
Subject: RE: Flint

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> [redacted](mobile)

From: Brown, Eric (GOV)
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To: Hertel, Elizabeth (DHHS)
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Elizabeth & Maggie: any progress on these materials? Thanks,
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Washington D.C. Office
202.624.5840 (office)
[redacted] (mobile)

From: Brown, Eric (GOV)
Sent: Thursday, October 01, 2015 3:13 PM
To: Pallone, Maggie (DEQ)
Subject: RE: Flint

… everything???

From: Pallone, Maggie (DEQ)
Sent: Thursday, October 01, 2015 2:41 PM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: RE: Flint

Well everything just changed.

From: Brown, Eric (GOV)
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> [redacted](mobile)

From: Brown, Eric (GOV)
Sent: Thursday, October 01, 2015 4:47 PM
To: Bill McBride (mcbrideb@michigan.gov)
Subject: FW: action plan wording
Attachments: 151001. Action plan.docx; ATT00001.htm

From: Pallone, Maggie (DEQ)
Sent: Thursday, October 01, 2015 4:40 PM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: Fwd: action plan wording

FYI as well.

Begin forwarded message:

> **From:** "Tommasulo, Karen (DEQ)" <TommasuloK@michigan.gov>
> **Date:** October 1, 2015 at 4:37:08 PM EDT
> **To:** "Pallone, Maggie (DEQ)" <PalloneM@michigan.gov>, "Paciorek, Josh (GOV)" <Pacioreki@michigan.gov>
> **Subject: action plan wording**
>
> Clean action plan updated to reflect meeting. Josh, this is the wording you can use for the graphic (unless, you know, we change it again ☺).
>
> Karen Tommasulo
> Public Information Officer
> Michigan Department of Environmental Quality
> 517-284-6716 [redacted]
> tommasulok@michigan.gov

Flint Drinking Water Action Plan

Immediately test Flint public schools to ensure that drinking water is safe. Testing also will be available at no cost to any other school in Flint.

Expand health exposure testing of individual residences.

Offer water testing at no cost to Flint residents to assure water is safe.

Begin optimizing corrosion controls in the Flint drinking water system.

Convene a "Safe Drinking Water Technical Advisory Committee" to ensure the best technology, practices and science are being utilized, and add an expert from the EPA's Office of Research and Development to the group.

Accelerate water system improvements to address replacement of lead service lines.

Expedite completion of Karegnondi Water Authority.

Gov. Rick Snyder names Dr. Eden Wells as the Flint Drinking Water Public Health Advisor.

Provide water filters to residents of Flint.

Expand a comprehensive lead education initiative.

From: Brown, Eric (GOV)
Sent: Thursday, October 01, 2015 4:47 PM
To: Bill McBride (mcbrideb@michigan.gov)
Subject: FW: news release
Attachments: 151001. News release.docx; ATT00001.htm

From: Pallone, Maggie (DEQ)
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To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: Fwd: news release

FYI as well.

Begin forwarded message:

> **From:** "Tommasulo, Karen (DEQ)" <TommasuloK@michigan.gov>
> **Date:** October 1, 2015 at 4:33:58 PM EDT
> **To:** "Murray, David (GOV)" <MurrayD1@michigan.gov>, "Wurfel, Sara (GOV)" <Wurfels@michigan.gov>, "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>, "Minicuci, Angela (DHHS)" <MinicuciA@michigan.gov>, "Eisner, Jennifer (DHHS)" <EisnerJ@michigan.gov>, "Lasher, Geralyn (DHHS)" <lasherg@michigan.gov>, "Pallone, Maggie (DEQ)" <PalloneM@michigan.gov>
> **Subject: news release**
>
> Here's the news release. Please send me any changes.
>
> We're hoping to get a quote from Nick, as well as contact info on how people can get a water filter.
>
> Karen Tommasulo
> Public Information Officer
> Michigan Department of Environmental Quality
> 517-284-6716 [redacted]
> tommasulok@michigan.gov

Oct. 2, 2015

For More Information:
Sara Wurfel or Dave Murray
Brad Wurfel, 517-284-6713, wurfelb@michigan.gov
Angela Minicuci

Michigan leaders announce action plan for Flint drinking water

Local, state and federal leaders today announced a comprehensive action plan for drinking water in Flint, designed to address both the short- and long-term needs of residents.

The action plan focuses on increasing water testing, offering additional precautions for families with lead plumbing in their homes, and providing long-term solutions to address the city's water infrastructure.

"We are deeply concerned by the lead results we are seeing in parts of Flint," Snyder said. "Although we know the water leaving Flint's drinking water system is safe to drink, some families with lead plumbing on their property experience higher levels of lead in the water that comes out of their faucets. We are concerned for those families, and we created this action plan to address their immediate needs as well as the long-term needs of all Flint residents."

The city and the state also are working together to gather more data to ensure the water that leaves the treatment plant as well as the water that arrives in Flint homes is safe for all residents. The plan includes:

- Immediately test Flint public schools to ensure that drinking water is safe. Testing also will be available at no cost to any other school in Flint.
- Expand health exposure testing of individual residences.
- Offer water testing at no cost to Flint residents to assure water is safe.
- Begin optimizing corrosion controls in the Flint drinking water system.

- Convene a "Safe Drinking Water Technical Advisory Committee" to ensure the best technology, practices and science are being utilized, and add an expert from the EPA's Office of Research and Development to the group.
- Accelerate water system improvements to address replacement of lead service lines.
- Expedite completion of Karegnondi Water Authority.
- Gov. Rick Snyder names Dr. Eden Wells as the Flint Drinking Water Public Health Advisor.
- Provide water filters to residents of Flint.
- Expand a comprehensive lead education initiative.

Local, state and federal leaders announced the plan at a press conference today at Kettering University's Innovation Center in Flint. Participants included:

- Harvey Hollins, Director of Snyder's Office of Urban Initiatives
- Dan Wyant, Director of the Michigan Department of Environmental Quality
- Nick Lyon, Director for the Michigan Department of Health and Human Services
- Dr. Eden Wells, Flint Drinking Water Public Health Adviser
- Dayne Walling, Mayor of Flint

"This action plan offers concrete steps we will take in a local, state and federal partnership to ensure all Flint residents have safe water to drink," Wyant said. "The DEQ will work closely with the city to gather further data to ensure the water that leaves Flint's system as well as the water that arrives in Flint homes is safe to drink."

To have your water tested, call 810-787-6537 and press 1, or email flintwater@cityofflint.com. For more information, visit www.michigan.gov/flintwater.

From: Brown, Eric (GOV)
Sent: Thursday, October 01, 2015 4:47 PM
To: Bill McBride (mcbrideb@michigan.gov)
Subject: FW: talking points
Attachments: 151001. Talking points.docx; ATT00001.htm

From: Pallone, Maggie (DEQ)
Sent: Thursday, October 01, 2015 4:31 PM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: Fwd: talking points

Begin forwarded message:

> **From:** "Tommasulo, Karen (DEQ)" <TommasuloK@michigan.gov>
> **Date:** October 1, 2015 at 4:27:53 PM EDT
> **To:** "Pallone, Maggie (DEQ)" <PalloneM@michigan.gov>, "Minicuci, Angela (DHHS)" <MinicuciA@michigan.gov>, "Eisner, Jennifer (DHHS)" <EisnerJ@michigan.gov>, "Hertel, Elizabeth (DHHS)" <HertelE@michigan.gov>, "Wurfel, Brad (DEQ)" <WurfelB@michigan.gov>, "Wurfel, Sara (GOV)" <WurfelS@michigan.gov>, "Murray, David (GOV)" <MurrayD1@michigan.gov>, "Thelen, Mary Beth (DEQ)" <THELENM2@michigan.gov>, "Wyant, Dan (DEQ)" <WyantD@michigan.gov>, "Paciorek, Josh (GOV)" <PaciorekJ@michigan.gov>, "Lasher, Geralyn (DHHS)" <lasherg@michigan.gov>
> **Subject: talking points**
>
> Here's the talking points we've been working from. Feel free to add DHHS' info.
>
> Karen Tommasulo
> Public Information Officer
> Michigan Department of Environmental Quality
> 517-284-6716 [redacted]
> tommasulok@michigan.gov

Flint Drinking Water Action Plan
Talking Points

Overall Messaging

- Repeated testing shows the water leaving Flint's drinking water system is safe to drink and meets all federal guidelines, including lead.
- After the switch the Flint River, the compliance testing protocol yielded results of 6 ppb in December 2014 and 11 ppb in June 2015. Both results were below the federal action level of 15 ppb.
- However, we recognize some residents experience higher levels of lead in the water that comes out of their faucets because of lead plumbing in the home, and that's a concern.
- Out of an abundance of caution, we want to address the needs of all Flint families, and so we have developed an action plan that includes both short- and long-term solutions.
- The state plan focuses on increasing water testing, offering additional precautions for families, and providing long-term solutions to address the city's water infrastructure.

Messaging regarding the action plan

The city and the state are working together to gather more data to ensure the water that leaves the treatment plant as well as the water that arrives in Flint homes is safe for all residents.

- **Immediately test Flint public schools to ensure that drinking water is safe. Testing will also be available at no cost to any other school in Flint.**
    - Although Flint's drinking water meets all federal requirements, the state wants to take extra steps to ensure that drinking water is safe for the city's children.
    - The state will fund this testing (about $30,000) at no cost to the city or the local schools, and make the results publicly available.

- **Expand health exposure testing of individual residences.**
    - To double-check its data as well as provide residents with an additional layer of assurance, the DEQ will conduct more tests at Flint properties.
    - The Technical Advisory Committee will determine the scope of this expanded testing.

- **Offer water testing at no cost to Flint residents to assure water is safe.**
    - Although all testing indicates water in the city of Flint meets all federal standards, we understand some residents are concerned.
    - To ensure water in individual homes is safe, free water testing is available to all Flint residents.
    - We encourage anyone with a concern to get their water tested.
    - Contact the city water department to have your water tested.

- **Begin optimizing corrosion controls in the Flint drinking water system.**

- A fully optimized corrosion control system can help coat the inside of pipes to minimize the amount of lead that enters the drinking water after it leaves the treatment plant.
- This is a helpful step that can help minimize lead system-wide, and we're pleased the city is moving to take this step.
- If asked: This was not initially required because a fully optimized corrosion control system is not federally required in many water systems. Even today, since Flint is meeting all federal standards, this fully optimized system is not required. However, to address public concerns and ensure every possible precaution is taken, the city is moving forward with installing this corrosion control system.

- **Convene a "Safe Drinking Water Technical Advisory Committee" to ensure the best technology, practices and science are being utilized, and add an expert from the EPA's Office of Research and Development to the group.**
  - The Safe Drinking Water Technical Advisory Committee will meet Oct. 7 to discuss fully optimizing the corrosion control system, expanding testing of at-risk properties, and other topics.
  - Tom Burke, the Deputy Assistant Administrator of EPA's Office of Research and Development as well as the EPA's Science Advisor, will participate on the committee. Prior to joining EPA, he held prominent positions at the Johns Hopkins Bloomberg School of Public Health and founded the Johns Hopkins Risk Sciences and Public Policy Institute. He brings substantial expertise, and we're pleased he is able join the committee.

- **Accelerate water system improvements to address replacement of lead service lines.**
  - Regardless of the drinking water source – whether it be DWSD, the Flint River or Lake Huron – the only permanent fix for lead is to replace all 18,000 of the private lead service lines in the city. These are the lines on private property that lead from the curb to individual homes.
  - This is a problem in communities statewide, and one we want to address with a long-term solution.
  - The state and EPA are working together to find a way for the city to access Drinking Water Revolving Loan funds for the work.

- **Expedite completion of Karegnondi Water Authority.**
  - The move to the Flint River was always a temporary measure until the connection to the KWA and to Lake Huron was completed.
  - This is the ultimate goal of the venture, and the state and locals will work together to speed up completion of the connection.

- **Governor Snyder names Dr. Eden Wells as Flint Drinking Water Public Health Advisor.**
  - Dr. Wells is the Director for the Preventive Medicine Residency at the University of Michigan School of Public Health in Ann Arbor as well as the Chief Medical Executive for MDHHS.

- She brings years of experience in epidemiology and preventative medicine to the issue, and we're thrilled to have her expertise.
- Dr. Wells will coordinate with Hurley Medical Center to share data on blood lead levels in children, as well as address other emerging issues.

- **Provide water filters to residents of Flint.**
  - As an additional precaution, water filters will be available to low-income families.
  - This provides another safeguard to ensure everyone in the city of Flint has access to clean drinking water that they feel confident drinking.

- **Expand a comprehensive lead education initiative.**
  - Lead plumbing is common in homes built prior to 1986, and anyone in the state with lead pipes in their home can take some extra precautions to minimize lead in their drinking water.
  - It takes time for lead to accumulate in drinking water from plumbing, and so flushing your pipes prior to using them can minimize your exposure.
    - To flush your pipes, run the water until it's as cold as it will go. This can take as little as 5 to 30 seconds if you have recently flushed the toilet or otherwise used water in your home, or as long as 2 to 5 minutes if you have not used any water in hours.
    - In the city of Flint, running the water for 5 minutes only costs about 3-16 cents, depending on your faucet.
  - Additionally, more lead gets into hot water than cold water. Use only cold water for drinking, cooking and making baby formula.

From: Brown, Eric (GOV)
Sent: Thursday, October 01, 2015 4:47 PM
To: 'Mcbride, Bill (GOV)'
Subject: FW: talking points
Attachments: Flint Lead TP 093015 - v2.docx

From: Hertel, Elizabeth (DHHS)
Sent: Thursday, October 01, 2015 4:10 PM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: FW: talking points

These are our talking points.

From: Minicuci, Angela (DHHS)
Sent: Thursday, October 01, 2015 3:50 PM
To: Hertel, Elizabeth (DHHS)
Subject: RE: talking points

Attached!

Angela

From: Hertel, Elizabeth (DHHS)
Sent: Thursday, October 01, 2015 3:43 PM
To: Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>
Subject: talking points

Can you send on?

Elizabeth Hertel
Director, Health Policy and Innovation
Michigan Department of Health and Human Services
Office: 517.241.7656

Blood Lead Levels in Flint Talking Points
October 1, 2015

- Initial analysis of MDHHS data found that blood lead levels (BLLs) of children in Flint have followed the seasonal trend.
- While this analysis of blood lead levels in Flint as a whole remains true, after a comprehensive and detailed review down to the zip code level, we have found that state numbers are consistent with those presented by Hurley.
- Director Lyon is working closely with DEQ and the administration to take active steps to reduce all potential lead exposures in Flint, and across the state.
- Our Chief Medical Executive has been in communication with the lead investigator at Hurley Children's Hospital, and we continue to work with Hurley, the city of Flint, local and state leaders to verify and analyze data trends.
- Zip code-level data does show that there has been an increase in elevated childhood blood lead levels in specific communities.
    - This does not conclusively mean that the water source change is the cause of the increase, but data does show an association.
    - Lead exposure can occur from a number of different sources (such as paint, gasoline, solder, and consumer products) and through different pathways (such as air, food, water, dust, and soil).
    - Although there are several exposure sources, lead-based paint is the most widespread and dangerous high-dose source of lead exposure for young children.
- We reviewed MDHHS statewide data using the same methodology used by Hurley, looking at our numbers by zip code and age ranges, and filtering out non-Flint children.
- Routine surveillance of blood lead levels does not analyze data down to the zip code level. Detailed analysis like this occurs when there is reason to focus in on precise locations or populations.
- MDHHS will be working closely with the Michigan Department of Environmental Quality, Hurley Children's Hospital, the Genesee County Health Department, and community organizations to initiate further action steps.
- We understand that cost may be a barrier to following the recommendations of the local health department. We are actively working with public and private partners to make resources available to those who may need assistance.
- MDHHS is recommending that residents follow the Public Health Advisory issued by the Genesee County Health Department, as well as take further steps to reduce exposures to all forms of lead in and around their homes.

MDHHS Stats and Facts

- Data charts/breakdowns and explanations
- Lead abatement through MDHHS was federally funded up until FY14 when Michigan began providing additional funds to abate homes.
- In FY14, $1.25M General Fund was added. In FY15, General Fund was bumped up to $1.75M and FY16, General Fund remains at $1.75M.

Reducing and Removing Lead Exposure

- In housing built before 1978, it can be assumed that the paint has lead unless tests show otherwise.
- Make sure your child does not have access to peeling paint or chewable surfaces painted with lead-based paint.
- Children and pregnant women should not be present in housing built before 1978 that is undergoing renovation. They should not participate in activities that disturb old paint or in cleaning up paint debris after work is completed.
- Create barriers between living/play areas and lead sources. Until environmental clean-up is completed, you should clean and isolate all sources of lead.
    - Close and lock doors to keep children away from chipping or peeling paint on walls. You can also apply temporary barriers such as contact paper or duct tape, to cover holes in walls or to block children's access to other sources of lead.
- Regularly wash children's hands and toys. Hands and toys can become contaminated from household dust or exterior soil. Both are known lead sources.
- Regularly wet-mop floors and wet-wipe window components. Because household dust is a major source of lead, you should wet-mop floors and wet-wipe horizontal surfaces every 2-3 weeks.
    - Windowsills and wells can contain high levels of leaded dust. They should be kept clean. If feasible, windows should be shut to prevent abrasion of painted surfaces or opened from the top sash.
- Take off shoes when entering the house to prevent bringing lead-contaminated soil in from outside.
- Prevent children from playing in bare soil; if possible, provide them with sandboxes. Plant grass on areas of bare soil or cover the soil with grass seed, mulch, or wood chips, if possible.
    - Until the bare soil is covered, move play areas away from bare soil and away from the sides of the house. If you have a sandbox, cover the box when not in use to prevent cats from using it as a litter box. That will help protect children from exposure to animal waste.
- Avoid using makeup, containers, cookware, or tableware to store or cook foods or liquids that are not shown to be lead free.
- Remove recalled toys and toy jewelry immediately from children.

- Use only cold water from the tap for drinking, cooking, and making baby formula. Hot water is more likely to contain higher levels of lead. Most of the lead in household water usually comes from the plumbing in your house, not from the local water supply.
- Shower and change clothes after finishing a task that involves working with lead-based products such as stained glass, making bullets, or using a firing range.

WIC Children

- # of families on WIC in Flint
- In homes with infants on WIC, if the household has documentation from an official source of unsanitary water supply issues, that family may be eligible to receive ready-to-feed formula. Families should contact WIC to see if they are eligible.
- Each household would have to be looked at on an individual basis.
- WIC cannot cover bottled water.

Background

- The results of the Hurley Children's Hospital were reviewed by MDHHS after the study was released last week.
- The analysis that Hurley conducted was different from the initial MDHHS data regarding blood lead levels in Flint.
- MDHHS initial data looked at the entire blood lead levels for the Flint area for the past five years and showed the annual seasonal trends in the area.
- Seasonal exposure is higher in the summer for a variety of reasons including children playing outside in the soil, and when windows are open and lead paint is more likely to be in the air.

From: Brown, Eric (GOV)
Sent: Thursday, October 01, 2015 5:16 PM
To: Lyon, Nick (DHHS); Wyant, Dan (DEQ)
Cc: Hertel, Elizabeth (DHHS); Pallone, Maggie (DEQ); Bill McBride (mcbrideb@michigan.gov)
Subject: Kildee Letter DRAFT
Attachments: Kildee Lead Flint DRAFT 09-30-2015.docx

Importance: High

Nick & Dan:
Please take a look at the attached draft letter to Congressman Kildee, particularly the 4 requests for federal action. Please edit/add as necessary. Thanks for your quick attention to this – we need to have this ready for the Governor's signature by 8:30am tomorrow. Sorry for the tight turnaround.
--Eric

Eric K Brown
Senior Federal Policy Representative
State of Michigan – Governor Rick Snyder
Washington D.C. Office
202.624.5840 (office)
[redacted]mobile)

To: Congressman Kildee

From: Governor Snyder

Congressman Kildee:

As part of our ongoing dialogue related to the city of Flint's water, I want to make sure you are aware of the actions taken by the State of Michigan to ensure that the residents of Flint have access to safe, clean drinking water. These actions include:

1. Immediately test Flint public schools to ensure that drinking water is safe. Testing also will be available at no cost to any other school in Flint.
2. Expand health exposure testing of individual residences.
3. Offer water testing at no cost to Flint residents to assure water is safe.
4. Begin optimizing corrosion controls in the Flint drinking water system.
5. Convene a "Safe Drinking Water Technical Advisory Committee" to ensure the best technology, practices and science are being utilized, and add an expert from the EPA's Office of Research and Development to the group.
6. Accelerate water system improvements to address replacement of lead service lines.
7. Expedite completion of Karegnondi Water Authority.
8. Appointment of Dr. Eden Wells as the Flint Drinking Water Public Health Advisor.
9. Provide water filters to residents of Flint.
10. Expand a comprehensive lead education initiative.

While these actions will mitigate risk of lead exposure in the immediate and long term, there are a number of federal regulatory hurdles that impede our ability to further reduce risk. As the federal representative for the city of Flint, I would appreciate your assistance on the following federal items:

1. Ease and/or eliminate restrictions on the purchase of premixed baby formula for WIC recipients.
2. Make federal Drinking Water Revolving Loan funds available for the replacement of private service lines.
3. Ease and/or eliminate restrictions on the purchase of bottled water for SNAP and WIC recipients.
4. Request that EPA add recommendations for improvements in sampling protocol in its Lead and Copper Working Group report.

Thank you for your continued advocacy related to the city of Flint's water. I have appreciated the ongoing dialogue and am heartened to have a partner in ensuring that the residents of Flint have access to safe, clean drinking water. I look forward to continuing to work with you on this and many other issues of importance to Michiganders.

Sincerely,

/s/

Rick Snyder

From: Brown, Eric (GOV)
Sent: Thursday, October 01, 2015 5:21 PM
To: Bill McBride (mcbrideb@michigan.gov)
Subject: FW: Flint water announcement

They moved it to 10:30. Also, note Nick LyonS below. Unbelievable.

From: Pallone, Maggie (DEQ)
Sent: Thursday, October 01, 2015 5:18 PM
To: [redacted] Neeley, Rep Sheldon <SheldonNeeley@house.mi.gov>; Dickinson, Jordan <Jordan.Dickinson@mail.house.gov>; Andrew Leavitt <ALeavitt@senate.michigan.gov>
Cc: Hertel, Elizabeth (DHHS) <HertelE@michigan.gov>; Brown, Eric (GOV) <BrownE15@michigan.gov>; amglasson@house.mi.gov; Michelle Carnevale <MCarnevale@senate.michigan.gov>
Subject: Flint water announcement

Congressman Kildee, Senator Ananich, Representative Neeley and Representative Phelps,

Tomorrow at 1:30 PM Director Nick Lyons and Director Dan Wyant, along with Mayor Walling, will holding a press conference to announce an action plan for addressing the water in the city of Flint. We would like to extend an invite for you to attend. The press conference will only be open to the media. The announcement will be held at the Kettering University, Innovation Center (1300 Bluff St., Flint, MI 48504)

Before the announcement we would like to do a pre-briefing call with you at 10:30 AM tomorrow. The call in information is:

[redacted]

Please give me a call on my cell if you have any questions ([redacted]. Also, please let me know if you plan on attending the announcement.

Thanks,
Maggie

Maggie Pallone
Deputy Director
Policy and Legislative Affairs
Department of Environmental Quality
[redacted](cell)
PalloneM@michigan.gov

From: Brown, Eric (GOV)
Sent: Thursday, October 01, 2015 8:09 PM
To: Lyon, Nick (DHHS)
Cc: Hertel, Elizabeth (DHHS); Wyant, Dan (DEQ); Pallone, Maggie (DEQ); Mcbride, Bill (GOV)
Subject: Re: Kildee Letter DRAFT

Thanks all

Sent from my mobile device

On Oct 1, 2015, at 7:08 PM, Lyon, Nick (DHHS) <LyonN2@michigan.gov> wrote:

> I am fine with the letter as Elizabeth suggests. Thank you.
>
> On Oct 1, 2015, at 7:00 PM, Hertel, Elizabeth (DHHS) <HertelE@michigan.gov> wrote:
>
> > Eric,
> >
> > It looks good. I think we want to remove the premix formula ask, as we have learned there isn't a supply to support that. Also, to clarify in snap, we would like to be able to increase the current snap benefit so that people don't have to use the current amount they have for bottled water.
> >
> > Thank you!
> >
> > Sent from my iPhone
> >
> > On Oct 1, 2015, at 5:16 PM, Brown, Eric (GOV) <BrownE15@michigan.gov> wrote:
> >
> > > Nick & Dan:
> > > Please take a look at the attached draft letter to Congressman Kildee, particularly the 4 requests for federal action. Please edit/add as necessary. Thanks for your quick attention to this – we need to have this ready for the Governor's signature by 8:30am tomorrow. Sorry for the tight turnaround.
> > > --Eric
> > >
> > > **Eric K Brown**
> > > Senior Federal Policy Representative
> > > State of Michigan – Governor Rick Snyder
> > > Washington D.C. Office
> > > 202.624.5840 (office)
> > > [redacted] (mobile)
> > >
> > > <Kildee Lead Flint DRAFT 09-30-2015.docx>

From: Brown, Eric (GOV)
Sent: Thursday, October 01, 2015 9:03 PM
To: Pallone, Maggie (DEQ)
Subject: Re: Kildee Letter DRAFT

Perfect, thanks

Sent from my mobile device

On Oct 1, 2015, at 8:52 PM, Pallone, Maggie (DEQ) <PalloneM@michigan.gov> wrote:

> Technical wording changes.
>
> Begin forwarded message:
>
> **From:** "Busch, Stephen (DEQ)" <BUSCHS@michigan.gov>
> **Date:** October 1, 2015 at 7:11:24 PM EDT
> **To:** "Pallone, Maggie (DEQ)" <PalloneM@michigan.gov>
> **Cc:** "Benzie, Richard (DEQ)" <BENZIER@michigan.gov>
> **Subject: Re: Kildee Letter DRAFT**
>
> On the prior do you want to say begin?
>
> On the later it may be simpler to request expedited promulgation of the long term revisions to the lead and copper rule.
>
> Stephen Busch, P.E.
> Lansing and Jackson District Supervisor
> Office of Drinking Water and Municipal Assistance
> MDEQ
> 517-643-2314
>
> Sent from my iPhone
>
> On Oct 1, 2015, at 5:19 PM, Pallone, Maggie (DEQ) <PalloneM@michigan.gov> wrote:
>
> > Steve or Richard, please see the attached letter. Is that the correct wording for request #4?
> > Thanks,
> > Maggie
> >
> > ---
> >
> > **From:** Brown, Eric (GOV)
> > **Sent:** Thursday, October 1, 2015 5:16 PM
> > **To:** Lyon, Nick (DHHS) <LyonN2@michigan.gov>; Wyant, Dan (DEQ) <WyantD@michigan.gov>
> > **Cc:** Hertel, Elizabeth (DHHS) <HertelE@michigan.gov>; Pallone, Maggie (DEQ) <PalloneM@michigan.gov>; Mcbride, Bill (GOV)

<mcbrideb@michigan.gov>
Subject: Kildee Letter DRAFT
Importance: High

Nick & Dan:
Please take a look at the attached draft letter to Congressman Kildee, particularly the 4 requests for federal action. Please edit/add as necessary. Thanks for your quick attention to this – we need to have this ready for the Governor's signature by 8:30am tomorrow. Sorry for the tight turnaround.
--Eric

Eric K Brown
Senior Federal Policy Representative
State of Michigan – Governor Rick Snyder
Washington D.C. Office
202.624.5840 (office)
[redacted]

<Kildee Lead Flint DRAFT 09-30-2015.docx>

From: Brown, Eric (GOV)
Sent: Friday, October 02, 2015 8:34 AM
To: 'Hertel, Elizabeth (DHHS)'
Subject: RE: Kildee Letter DRAFT

Importance: High

Does this line work for you?

- Ease and/or eliminate restrictions on the purchase of bottled water for SNAP and WIC recipients. This should include a temporary, targeted increase in SNAP benefits so that the purchase of bottled water does not count against a recipients' current SNAP allocation.

From: Hertel, Elizabeth (DHHS)
Sent: Thursday, October 01, 2015 7:01 PM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Cc: Lyon, Nick (DHHS) <LyonN2@michigan.gov>; Wyant, Dan (DEQ) <WyantD@michigan.gov>; Pallone, Maggie (DEQ) <PalloneM@michigan.gov>; Mcbride, Bill (GOV) <mcbrideb@michigan.gov>
Subject: Re: Kildee Letter DRAFT

Eric,

It looks good. I think we want to remove the premix formula ask, as we have learned there isn't a supply to support that. Also, to clarify in snap, we would like to be able to increase the current snap benefit so that people don't have to use the current amount they have for bottled water.

Thank you!

Sent from my iPhone

On Oct 1, 2015, at 5:16 PM, Brown, Eric (GOV) <BrownE15@michigan.gov> wrote:

> Nick & Dan:
> Please take a look at the attached draft letter to Congressman Kildee, particularly the 4 requests for federal action. Please edit/add as necessary. Thanks for your quick attention to this – we need to have this ready for the Governor's signature by 8:30am tomorrow. Sorry for the tight turnaround.
> --Eric
>
> **Eric K Brown**
> Senior Federal Policy Representative
> State of Michigan – Governor Rick Snyder
> Washington D.C. Office
> 202.624.5840 (office)
> [redacted](mobile)
>
> <Kildee Lead Flint DRAFT 09-30-2015.docx>

From: Brown, Eric (GOV)
Sent: Friday, October 02, 2015 8:41 AM
To: 'Hertel, Elizabeth (DHHS)'
Subject: RE: Kildee Letter DRAFT

Thanks

From: Hertel, Elizabeth (DHHS)
Sent: Friday, October 02, 2015 8:41 AM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: Re: Kildee Letter DRAFT

Perfect.

Sent from my iPhone

On Oct 2, 2015, at 8:34 AM, Brown, Eric (GOV) <BrownE15@michigan.gov> wrote:

> Does this line work for you?
>
> - Ease and/or eliminate restrictions on the purchase of bottled water for SNAP and WIC recipients. This should include a temporary, targeted increase in SNAP benefits so that the purchase of bottled water does not count against a recipients' current SNAP allocation.
>
> ---
>
> **From:** Hertel, Elizabeth (DHHS)
> **Sent:** Thursday, October 01, 2015 7:01 PM
> **To:** Brown, Eric (GOV) <BrownE15@michigan.gov>
> **Cc:** Lyon, Nick (DHHS) <LyonN2@michigan.gov>; Wyant, Dan (DEQ) <WyantD@michigan.gov>; Pallone, Maggie (DEQ) <PalloneM@michigan.gov>; Mcbride, Bill (GOV) <mcbrideb@michigan.gov>
> **Subject:** Re: Kildee Letter DRAFT
>
> Eric,
>
> It looks good. I think we want to remove the premix formula ask, as we have learned there isn't a supply to support that. Also, to clarify in snap, we would like to be able to increase the current snap benefit so that people don't have to use the current amount they have for bottled water.
>
> Thank you!
>
> Sent from my iPhone
>
> On Oct 1, 2015, at 5:16 PM, Brown, Eric (GOV) <BrownE15@michigan.gov> wrote:
>
> > Nick & Dan:
> > Please take a look at the attached draft letter to Congressman Kildee, particularly the 4 requests for federal action. Please edit/add as necessary. Thanks for your quick

attention to this – we need to have this ready for the Governor's signature by 8:30am tomorrow. Sorry for the tight turnaround.
--Eric

Eric K Brown
Senior Federal Policy Representative
State of Michigan – Governor Rick Snyder
Washington D.C. Office
202.624.5840 (office)
[redacted](mobile)

<Kildee Lead Flint DRAFT 09-30-2015.docx>

From: Brown, Eric (GOV)
Sent: Friday, October 02, 2015 8:42 AM
To: Bill McBride (mcbrideb@michigan.gov)
Subject: Kildee Lead Flint
Attachments: Kildee Lead Flint DRAFT 09-30-2015.docx

Final draft

Date

The Honorable Dan Kildee
U.S. House of Representatives
227 Cannon House Office Building
Washington, DC 20515

Congressman Kildee:

As part of our ongoing dialogue related to the City of Flint's water, I want to make sure you are aware of the actions taken by the State of Michigan to ensure that the residents of Flint have access to safe, clean drinking water. These actions include:

1. Immediately test Flint public schools to ensure that drinking water is safe. Testing also will be available at no cost to any other school in Flint.
2. Expand health exposure testing of individual residences.
3. Offer water testing at no cost to Flint residents to assure water is safe.
4. Begin optimizing corrosion controls in the Flint drinking water system.
5. Convene a "Safe Drinking Water Technical Advisory Committee" to ensure the best technology, practices and science are being utilized, and add an expert from the EPA's Office of Research and Development to the group.
6. Accelerate water system improvements to address replacement of lead service lines.
7. Expedite completion of Karegnondi Water Authority.
8. Appointment of Dr. Eden Wells as the Flint Drinking Water Public Health Advisor.
9. Provide water filters to residents of Flint.
10. Expand a comprehensive lead education initiative.

While these actions will mitigate the risk of lead exposure in the immediate and long term, there are a number of federal regulatory hurdles that impede our ability to further reduce risk. As the federal representative for the City of Flint, I would appreciate your assistance on the following federal items:

1. Make federal Drinking Water Revolving Loan funds available for the replacement of private service lines.
2. Ease and/or eliminate restrictions on the purchase of bottled water for SNAP and WIC recipients. This should include a temporary, targeted increase in SNAP benefits so that the purchase of bottled water does not count against a recipients' current SNAP allocation.
3. Request that EPA expedite promulgation of the long term revisions to the Lead and Copper Rule.

Thank you for your continued advocacy related to the City of Flint's water. I have appreciated the ongoing dialogue and am heartened to have a partner in ensuring that the residents of Flint have access to safe, clean drinking water. I look forward to continuing to work with you on this and many other issues of importance to Michiganders.

Sincerely,

/s/

Rick Snyder

From: Brown, Eric (GOV)
Sent: Friday, October 02, 2015 9:02 AM
To: 'Hall, Jean (GOV)'
Cc: Bill McBride (mcbrideb@michigan.gov)
Subject: Flint letters
Attachments: Peters Lead Flint 10-02-2015.docx; Stabenow Lead Flint 10-02-2015.docx; Kildee Lead Flint 10-02-2015.docx

Jean,
Thanks for your help this morning. I have included 3 letters, one for Congressman Kildee, and one each for Senators Peters and Stabenow. Please let me know if there are any format problems, etc. I need these ASAP, if possible. Sorry for the fire drill!
--Eric

Eric K Brown
Senior Federal Policy Representative
State of Michigan – Governor Rick Snyder
Washington D.C. Office
202.624.5840 (office)
[redacted](mobile)

Date

The Honorable Gary Peters
U.S. Senate
724 Hart Senate Office Building
Washington, DC 20510

Senator Peters:

As we continue to address ongoing issues related to the City of Flint's water, I want to make sure you are aware of the actions taken by the State of Michigan to ensure that the residents of Flint have access to safe, clean drinking water. These actions include:

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As the situation continues to evolve, I would also appreciate your assistance in the event that additional federal action is needed.

Thank you for your continued efforts to ensure that the residents of Flint have access to safe, clean drinking water. I look forward to continuing to work with you on this and many other issues of importance to Michiganders.

Sincerely,

/s/

Rick Snyder

Date

The Honorable Debbie Stabenow
U.S. Senate
731 Hart Senate Office Building
Washington, DC 20510

Senator Stabenow:

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Sincerely,

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U.S. House of Representatives
227 Cannon House Office Building
Washington, DC 20515

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Thank you for your continued advocacy related to the City of Flint's water. I have appreciated the ongoing dialogue and am heartened to have a partner in ensuring that the residents of Flint have access to safe, clean drinking water. I look forward to continuing to work with you on this and many other issues of importance to Michiganders.

Sincerely,

/s/

Rick Snyder

From: Brown, Eric (GOV)
Sent: Friday, October 02, 2015 9:08 AM
To: Hall, Jean (GOV)
Subject: RE: Flint letters

You're the best!!! I owe you once again

From: Hall, Jean (GOV)
Sent: Friday, October 02, 2015 9:08 AM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Cc: Mcbride, Bill (GOV) <mcbrideb@michigan.gov>
Subject: RE: Flint letters

Got it. Will take me a minute to get on letterhead and sign. Stand by.

Jean Hall
Executive Assistant
Office of Strategic Policy
Executive Office of Governor Rick Snyder
Hall116@michigan.gov
517-241-5493

From: Brown, Eric (GOV)
Sent: Friday, October 02, 2015 9:02 AM
To: Hall, Jean (GOV) <hall116@michigan.gov>
Cc: Mcbride, Bill (GOV) <mcbrideb@michigan.gov>
Subject: Flint letters

Jean,
Thanks for your help this morning. I have included 3 letters, one for Congressman Kildee, and one each for Senators Peters and Stabenow. Please let me know if there are any format problems, etc. I need these ASAP, if possible. Sorry for the fire drill!
--Eric

Eric K Brown
Senior Federal Policy Representative
State of Michigan – Governor Rick Snyder
Washington D.C. Office
202.624.5840 (office)
[redacted] (mobile)

From: Brown, Eric (GOV)
Sent: Friday, October 02, 2015 10:04 AM
To: 'Hall, Jean (GOV)'
Cc: Mcbride, Bill (GOV)
Subject: RE: Flint letters

These look great. Thanks again for your help.
--Eric

From: Hall, Jean (GOV)
Sent: Friday, October 02, 2015 10:03 AM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Cc: Mcbride, Bill (GOV) <mcbrideb@michigan.gov>
Subject: RE: Flint letters

O.k. Let me know if there are any problems.

Thanks.

Jean Hall
Executive Assistant
Office of Strategic Policy
Executive Office of Governor Rick Snyder
Hallj16@michigan.gov
517-241-5493

From: Brown, Eric (GOV)
Sent: Friday, October 02, 2015 9:02 AM
To: Hall, Jean (GOV) <hallj16@michigan.gov>
Cc: Mcbride, Bill (GOV) <mcbrideb@michigan.gov>
Subject: Flint letters

Jean,
Thanks for your help this morning. I have included 3 letters, one for Congressman Kildee, and one each for Senators Peters and Stabenow. Please let me know if there are any format problems, etc. I need these ASAP, if possible. Sorry for the fire drill!
--Eric

Eric K Brown
Senior Federal Policy Representative
State of Michigan – Governor Rick Snyder
Washington D.C. Office
202.624.5840 (office)
[redacted](mobile)

From: Brown, Eric (GOV)
Sent: Friday, October 02, 2015 10:42 AM
To: Pallone, Maggie (DEQ); Hertel, Elizabeth (DHHS)
Subject: FW: Flint letters
Attachments: 10.2.15 Kildee.pdf; 10.2.15 Peters.pdf; 10.2.15 Stabenow.pdf

Letters going to Kildee, Stabenow, Peters. Since Director Wyant is going through the list of what we are announcing on the call right now, I just sent these letters to the offices.

From: Brown, Eric (GOV)
Sent: Friday, October 02, 2015 10:42 AM
To: Pallone, Maggie (DEQ); Hertel, Elizabeth (DHHS)
Subject: FW: Flint letters
Attachments: 10.2.15 Kildee.pdf; 10.2.15 Peters.pdf; 10.2.15 Stabenow.pdf

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STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

October 2, 2015

The Honorable Dan Kildee
U.S. House of Representatives
227 Cannon House Office Building
Washington, DC 20515

Dear Congressman Kildee:

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3. Request that the EPA expedite promulgation of the long term revisions to the Lead and Copper Rule.

As the situation continues to evolve, I would also appreciate your assistance in the event that additional federal action is needed.

Thank you for your continued advocacy related to the City of Flint's water. I have appreciated the ongoing dialogue and am heartened to have a partner in ensuring that the residents of Flint have access to safe, clean drinking water. I look forward to continuing to work with you on this and many other issues of importance to Michiganders.

Sincerely,

Rick Snyder
Governor

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

October 2, 2015

The Honorable Gary Peters
U.S. Senate
724 Hart Senate Office Building
Washington, DC 20510

Dear Senator Peters:

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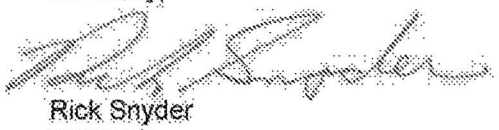
Sincerely,



Rick Snyder
Governor

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

October 2, 2015

The Honorable Debbie Stabenow
U.S. Senate
731 Hart Senate Office Building
Washington, DC 20510

Dear Senator Stabenow:

As we continue to address ongoing issues related to the City of Flint's water, I want to make sure you are aware of the actions taken by the State of Michigan to ensure that the residents of Flint have access to safe, clean drinking water. These actions include:

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Sincerely,

Rick Snyder
Governor

From: Brown, Eric (GOV)
Sent: Friday, October 02, 2015 11:23 AM
To: Bill McBride (mcbrideb@michigan.gov)
Subject: FW: Flint water announcement

Ananich also not attending. I wonder if they're all trying to distance themselves.

From: Andrew Leavitt [mailto:ALeavitt@senate.michigan.gov]
Sent: Friday, October 02, 2015 11:22 AM
To: Pallone, Maggie (DEQ) <PalloneM@michigan.gov>
Cc: [redacted]; Neeley, Rep Sheldon <SheldonNeeley@house.mi.gov>; Dickinson, Jordan <Jordan.Dickinson@mail.house.gov>; Hertel, Elizabeth (DHHS) <HertelE@michigan.gov>; Brown, Eric (GOV) <BrownE15@michigan.gov>; amgiasson@house.mi.gov; Michelle Carnevale <MCarnevale@senate.michigan.gov>
Subject: Re: Flint water announcement

Jim cannot make it. But I will attend.

Sent from my iPhone

On Oct 2, 2015, at 10:38 AM, Pallone, Maggie (DEQ) <PalloneM@michigan.gov> wrote:

> [redacted]
> Access [redacted]
>
> On Oct 1, 2015, at 5:18 PM, Pallone, Maggie (DEQ) <PalloneM@michigan.gov> wrote:
>
> > Congressman Kildee, Senator Ananich, Representative Neeley and Representative Phelps,
> >
> > Tomorrow at 1:30 PM Director Nick Lyons and Director Dan Wyant, along with Mayor Walling, will holding a press conference to announce an action plan for addressing the water in the city of Flint. We would like to extend an invite for you to attend. The press conference will only be open to the media. The announcement will be held at the Kettering University, Innovation Center (1300 Bluff St., Flint, MI 48504)
> >
> > Before the announcement we would like to do a pre-briefing call with you at 10:30 AM tomorrow. The call in information is:
> >
> > [redacted]
> > Access code: [redacted]
> >
> > Please give me a call on my cell if you have any questions [redacted] Also, please let me know if you plan on attending the announcement.
> >
> > Thanks,
> > Maggie
> >
> > **Maggie Pallone**

Deputy Director
Policy and Legislative Affairs
Department of Environmental Quality
[redacted]
PalloneM@michigan.gov

From: Brown, Eric (GOV)
Sent: Friday, October 02, 2015 1:00 PM
To: 'Johnson, Bentley (Peters)'
Subject: RE: Flint Water

Sounds good, and thanks for your support.

From: Johnson, Bentley (Peters) [mailto:Bentley_Johnson@peters.senate.gov]
Sent: Friday, October 02, 2015 12:58 PM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: RE: Flint Water

Thanks and I'll likely be in touch shortly on this.

From: Brown, Eric (GOV) [mailto:BrownE15@michigan.gov]
Sent: Friday, October 02, 2015 10:42 AM
To: Feldman, Eric (Peters) <Eric_Feldman@peters.senate.gov>
Cc: Johnson, Bentley (Peters) <Bentley_Johnson@peters.senate.gov>; Mcbride, Bill (GOV) <mcbrideb@michigan.gov>
Subject: Flint Water

Eric,
Please see the attached letter to Senator Peters from Governor Snyder. Please let me know if you have any questions.
Thanks,
--Eric

Eric K Brown
Senior Federal Policy Representative
State of Michigan – Governor Rick Snyder
Washington D.C. Office
202.624.5840 (office)
[redacted] (mobile)

From: Brown, Eric (GOV)
Sent: Friday, October 02, 2015 5:16 PM
To: Grijalva, Nancy (DHHS)
Subject: Fwd: Flint letters
Attachments: 10.2.15 Kildee.pdf; ATT00001.htm; 10.2.15 Peters.pdf; ATT00002.htm; 10.2.15 Stabenow.pdf; ATT00003.htm

Nancy,
Please see the attached documents. Have a great weekend!
--Eric

Sent from my mobile device

Begin forwarded message:

> **From:** "Brown, Eric (GOV)" <BrownE15@michigan.gov>
> **To:** "Pallone, Maggie (DEQ)" <PalloneM@michigan.gov>, "Hertel, Elizabeth (DHHS)" <HertelE@michigan.gov>
> **Subject: FW: Flint letters**
>
> Letters going to Kildee, Stabenow, Peters. Since Director Wyant is going through the list of what we are announcing on the call right now, I just sent these letters to the offices.

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

October 2, 2015

The Honorable Dan Kildee
U.S. House of Representatives
227 Cannon House Office Building
Washington, DC 20515

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Thank you for your continued advocacy related to the City of Flint's water. I have appreciated the ongoing dialogue and am heartened to have a partner in ensuring that the residents of Flint have access to safe, clean drinking water. I look forward to continuing to work with you on this and many other issues of importance to Michiganders.

Sincerely,

Rick Snyder
Governor

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

October 2, 2015

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U.S. Senate
724 Hart Senate Office Building
Washington, DC 20510

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9. Providing water filters to residents of Flint.
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While these actions will mitigate the risk of lead exposure in the immediate and long term, there are a number of federal regulatory hurdles that impede our ability to further reduce risk. As the federal representative for the City of Flint, I would appreciate your assistance on the following federal items:

1. Make federal Drinking Water Revolving Loan funds available for the replacement of private service lines.
2. Ease and/or eliminate restrictions on the purchase of bottled water for SNAP and WIC recipients. This should include a temporary, targeted increase in SNAP benefits so that the purchase of bottled water does not count against a recipients' current SNAP allocation.
3. Request that the EPA expedite promulgation of the long term revisions to the Lead and Copper Rule.

As the situation continues to evolve, I would also appreciate your assistance in the event that additional federal action is needed.

Thank you for your continued efforts to ensure that the residents of Flint have access to safe, clean drinking water. I look forward to continuing to work with you on this and many other issues of importance to Michiganders.

Sincerely,

Rick Snyder
Governor

STATE OF MICHIGAN

RICK SNYDER
GOVERNOR

EXECUTIVE OFFICE
LANSING

BRIAN CALLEY
LT. GOVERNOR

October 2, 2015

The Honorable Debbie Stabenow
U.S. Senate
731 Hart Senate Office Building
Washington, DC 20510

Dear Senator Stabenow:

As we continue to address ongoing issues related to the City of Flint's water, I want to make sure you are aware of the actions taken by the State of Michigan to ensure that the residents of Flint have access to safe, clean drinking water. These actions include:

1. Immediately testing Flint's public school district to ensure that drinking water is safe. Testing also will be available at no cost to any other school in Flint.
2. Expanding health exposure testing of individual residences.
3. Offering water testing at no cost to Flint residents to assure the water is safe.
4. Begin optimizing corrosion controls in the Flint drinking water system.
5. Convening a "Safe Drinking Water Technical Advisory Committee" to ensure the best technology, practices, and science are being utilized. This Committee will include an expert from the EPA's Office of Research and Development.
6. Accelerating water system improvements to address replacement of lead service lines.
7. Expediting completion of Karegnondi Water Authority.
8. Appointing Dr. Eden Wells as the Flint Drinking Water Public Health Advisor.
9. Providing water filters to residents of Flint.
10. Expanding a comprehensive lead education initiative.

While these actions will mitigate the risk of lead exposure in the immediate and long term, there are a number of federal regulatory hurdles that impede our ability to further reduce risk. As the federal representative for the City of Flint, I would appreciate your assistance on the following federal items:

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Sincerely,

Rick Snyder
Governor

From: Brown, Eric (GOV)
Sent: Monday, October 12, 2015 5:05 PM
To: Taylor, Nicole (GOV)
Cc: Bill McBride (mcbrideb@michigan.gov)
Subject: FW: DC visit

See below

From: Anderson, Madhu (DEQ)
Sent: Friday, October 09, 2015 11:02 AM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Cc: Thelen, Mary Beth (DEQ) <THELENM2@michigan.gov>; Copen, Leigh (DEQ) <CopenL1@michigan.gov>
Subject: DC visit

Eric – Dan Wyant, Heidi Grether (MI Agency for Energy), Mary Maupin (DEQ) and I will be attending a one day seminar on the Carbon Rule run by ECOS. We will be in Washington DC on October 21 (the day of the conference) through about noon on the 22st. Dan would like to take the opportunity to visit with congressional members if possible during that time (he's willing to skip out of the conference if necessary). Topics to be discussed are Energy, drinking water issues in Flint, and Invasives. If you would like to give this some thought and see if some meetings are possible, we'd appreciate it. Thanks,

Madhu R. Anderson
Deputy Director, Economic and Strategic Initiatives
☎ 517 284 6702 [redacted]
✉ andersonm30@michigan.gov

From: Brown, Eric (GOV)
Sent: Monday, October 12, 2015 5:08 PM
To: Anderson, Madhu (DEQ)
Cc: Thelen, Mary Beth (DEQ); Copen, Leigh (DEQ)
Subject: RE: DC visit

Thanks Madhu, it will be good to see you next week.

Mary Beth: I'd like to talk to Dan about the potential congressional visits. Is he available before or after our carp meeting tomorrow? If not, let me know when he might have 15 mins to connect. Thanks!

From: Anderson, Madhu (DEQ)
Sent: Friday, October 09, 2015 11:02 AM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Cc: Thelen, Mary Beth (DEQ) <THELENM2@michigan.gov>; Copen, Leigh (DEQ) <CopenL1@michigan.gov>
Subject: DC visit

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Madhu R. Anderson
Deputy Director, Economic and Strategic Initiatives
☎ 517 284 6702 | [redacted]
✉ andersonm30@michigan.gov

From: Brown, Eric (GOV)
Sent: Tuesday, October 13, 2015 9:06 AM
To: 'Taylor, Nicole (GOV)'
Subject: RE: DC visit

I'm going to talk to Wyant today to figure it out, I'll let you know.

From: Taylor, Nicole (GOV)
Sent: Tuesday, October 13, 2015 8:27 AM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: RE: DC visit

Yeah, Mary Beth sent this to me too. Thoughts on if/who they should meet with?

Nicole Taylor | State of Michigan – Washington, D.C. Office of the Governor | 202.624.5840

From: Brown, Eric (GOV)
Sent: Monday, October 12, 2015 5:05 PM
To: Taylor, Nicole (GOV) <TaylorN7@michigan.gov>
Cc: Mcbride, Bill (GOV) <mcbrideb@michigan.gov>
Subject: FW: DC visit

See below

From: Anderson, Madhu (DEQ)
Sent: Friday, October 09, 2015 11:02 AM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Cc: Thelen, Mary Beth (DEQ) <THELENM2@michigan.gov>; Copen, Leigh (DEQ) <CopenL1@michigan.gov>
Subject: DC visit

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Madhu R. Anderson
Deputy Director, Economic and Strategic Initiatives
☎ 517 284 6702 | [redacted]
✉ andersonm30@michigan.gov

DEQ

From: Brown, Eric (GOV)
Sent: Wednesday, October 14, 2015 9:21 AM
To: 'Taylor, Nicole (GOV)'
Subject: RE: DC visit

Could you try to set up the following meetings?

- Senator Peters
  - Topics: Pipeline safety, Flint Water
- Senator Stabenow
  - Topics: Flint Water, Invasive Species
- Congresswoman Miller
  - Topic: Invasive species

We would want member meetings if possible. Attendees are:

- Dan Wyant, Director
- Madhu Anderson, Deputy Director
- Eric Brown, Governor's Office

Thanks!

From: Taylor, Nicole (GOV)
Sent: Tuesday, October 13, 2015 8:27 AM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: RE: DC visit

Yeah, Mary Beth sent this to me too. Thoughts on if/who they should meet with?

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Sent: Monday, October 12, 2015 5:05 PM
To: Taylor, Nicole (GOV) <TaylorN7@michigan.gov>
Cc: Mcbride, Bill (GOV) <mcbrideb@michigan.gov>
Subject: FW: DC visit

See below

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Sent: Friday, October 09, 2015 11:02 AM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Cc: Thelen, Mary Beth (DEQ) <THELENM2@michigan.gov>; Copen, Leigh (DEQ) <CopenL1@michigan.gov>
Subject: DC visit

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conference if necessary). Topics to be discussed are Energy, drinking water issues in Flint, and Invasives. If you would like to give this some thought and see if some meetings are possible, we'd appreciate it. Thanks,

Madhu R. Anderson
Deputy Director, Economic and Strategic Initiatives
☎ 517 284 6702 | [redacted]
✉ andersonm30@michigan.gov

From: Brown, Eric (GOV)
Sent: Wednesday, December 16, 2015 12:50 PM
To: 'Lane, Michelle'
Subject: RE: water issue

Thanks!

From: Lane, Michelle [mailto:Michelle.Lane@mail.house.gov]
Sent: Wednesday, December 16, 2015 11:55 AM
To: Brown, Eric (GOV) <BrownE15@michigan.gov>
Subject: water issue

Eric,

You may already be aware of this, but there is an interesting section of the omnibus that deals with emergency drinking water problems in the omnibus (ag portion). Might be applicable for Flint, if you could get a natural disaster determination. Not really our area, but just trying to be helpful ☺

SEC. 731. In response to an eligible community where the drinking water supplies are inadequate due to a natural disaster, as determined by the Secretary, including drought or severe weather, the Secretary may provide potable water through the Emergency Community Water Assistance Grant Program for an additional period of time not to exceed 120 days beyond the established period provided under the Program in order to protect public health.

Michelle Lane
Legislative Director
Dan Benishek M.D.
Member of Congress
Michigan's First District
(202)225-4735

Subject: RDS/SW- TAPED radio interview with Steve Gruber on WJIM Radio
Location: By Phone

Start: Thu 11/12/2015 10:30 AM
End: Thu 11/12/2015 10:40 AM
Show Time As: Tentative

Recurrence: (none)

Meeting Status: Not yet responded

Organizer: GovCalendar
Required Attendees: Wurfel, Sara (GOV); Biehl, Laura (GOV); Brown, Jessica (GOV)

RDS to call: [redacted]

Purpose: Opportunity to talk about roads, Detroit schools and Flint water

Possible Topics:

- Roads package signing
- Detroit education reform
- Flint water emergency
- immigration policy in Michigan
- proposed guns in gun free zones
- 2016 presidential race

Recent Articles:
Road fix crashes again (Nov.2 – WJIM)
http://wjimam.com/road-fix-crashes-again/
Gov. Snyder signs $1.2B road funding package (Detroit Free Press)
http://www.freep.com/story/news/politics/2015/11/10/gov-snyder-signs-12b-road-funding-package/75510548/
Snyder signs long-term road funding plan: 'It's about investing in Michigan's Future' (MLive)
http://www.mlive.com/lansing-news/index.ssf/2015/11/snyder_signs_long-term_road_fu.html
Senate panel OKs concealed guns in 'gun free' zones (Detroit News)
http://www.detroitnews.com/story/news/politics/2015/10/13/senate-panel-oks-concealed-guns-gun-free-zones/73889132/
Keep guns out of Michigan schools poll respondents say (Detroit Free Press)
http://www.freep.com/story/news/local/michigan/2015/11/09/guns-in-schools-poll/75460048/

Market: Mid-Michigan / online – www.wjimam.com<http://www.wjimam.com>

Contact: [redacted] studio line / [redacted] back-up number (Ivey Gruber - show producer)

Subject:	RDS/AHeaton- PRINT interview with the Detroit News editorial and reporting teams
Location:	160 W. Fort St. Detroit, MI 48226
Start:	Mon 12/14/2015 12:00 PM
End:	Mon 12/14/2015 12:30 PM
Recurrence:	(none)
Meeting Status:	Accepted
Organizer:	GovCalendar
Required Attendees:	Biehl, Laura (GOV); Heaton, Anna (GOV); Brown, Jessica (GOV); Murray, David (GOV)

Purpose: Opportunity to highlight the successes in Michigan's reinvention during 2015.

Possible Topics:

- Michigan's Comeback story
- 2015 accomplishments
- Presidential Politics
- Refugee vetting
- Detroit schools
- Energy reforms
- Straight-ticket voting

Participants:
Jon Wolman, editor & publisher
Nolan Finley, editorial page editor
Kaitlyn Buss, editorial writer
Alan Adler, editorial writer
Daniel Howes, business columnist
Richard Burr, politics editor
Chad Livengood, political reporter

Recent articles:
Nearly 4,000 DPS students affected by teacher sickout- http://www.detroitnews.com/story/news/local/detroit-city/2015/12/10/teacher-sickout-closes-several-dps-schools/77083936/
House votes to end straight-party voting option- http://www.detroitnews.com/story/news/politics/2015/12/10/straight-party-voting/77083084/
Trump wants his initial on Michigan GOP primary ballot- http://www.detroitnews.com/story/news/politics/2015/12/10/trump-wants-initial-michigan-gop-primary-ballot/77074932/
Flint taking step to ensure safe water after problems- http://www.detroitnews.com/story/news/local/michigan/2015/12/10/flint-taking-step-ensure-safe-water-problems/77084910/

Last interview: 11/4/15 re: Passing of roads plan

Market: Southeast Michigan and online at detroitnews.com

Contact: Ingrid cell: [redacted] Ingrid desk: 313-223-4610

From: Wurfel, Brad (DEQ)
Sent: Sunday, October 18, 2015 11:24 PM
To: Eisner, Jennifer (DHHS); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS); Stanton, Terry A. (Treasury)
Cc: Holton, Jennifer (MDARD); Golder, Edward (DNR); Brown, Jessica (GOV)
Subject: Fwd: det news

Piece on flint. Fyi

Sent from my iPhone

Begin forwarded message:

http://www.detroitnews.com/story/news/environment/2015/10/18/deq-mistakes/74198882/

From: Murray, David (GOV)
Sent: Wednesday, October 21, 2015 11:32 AM
To: Agen, Jarrod (GOV); Wurfel, Sara (GOV); Biehl, Laura (GOV); Heaton, Anna (GOV); Kennedy, Jordan (GOV); Brown, Jessica (GOV)
Cc: Baird, Richard (GOV)
Subject: Task force release
Attachments: PR 151020 Flint after action 5.docx

Team,

Here's a version of the release approved by the task force, with many suggestions from them included. (They dictated changes as I typed.)

They'd like me to send this around to them, and have us issue this later today if possible.

Dave

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

BRIAN CALLEY
LT. GOVERNOR

Contacts: Sara Wurfel or Dave Murray 517-335-6397	**FOR IMMEDIATE RELEASE** Wednesday, Oct. 21, 2015

Gov. Rick Snyder announces Flint Water Task Force to review state, federal and municipal actions, offer recommendations

Experts in water management, public health, medicine to focus on steps to protect residents

LANSING, Mich. – Gov. Rick Snyder today announced the creation of an independent advisory task force charged with reviewing actions regarding water use and testing in Flint and offer recommendations for future guidelines to protect the health and safety of all state residents.

Task force members include experts in water management, public health and medicine from both sides of the aisle, and will be co-chaired by Ken Sikkema of Public Sector Consultants and Chris Kolb, of the Michigan Environmental Council. Also serving will be Dr. Matthew Davis of the University of Michigan Health System, Eric Rothstein, of the Galardi Rothstein Group and Dr. Lawrence Reynolds of Mott Children's Health Center in Flint.

"Transitioning back to the Detroit Water and Sewerage Department-Great Lakes Water Authority is a good first step to protecting public health in Flint, but it's not the last step," Snyder said. "Bringing in outside experts to evaluate our actions and help monitor and advise on potential changes to law, procedures and practices will be key to continuing work on the comprehensive action plan and ensuring safe drinking water for all the residents in Flint and all of Michigan."

Snyder said the administration will fully cooperate with task force members, saying he wants an unbiased report focusing on steps taken in the past and recommendations that could improve practices to ensure all residents have access to safe, clean water.

Ken Sikkema is a senior policy fellow at Public Sector Consultants, where he specializes in public finance, environment, and energy policy. Prior to joining the firm, Sikkema served in both the Michigan House and Senate, culminating with four years as Senate majority leader. He has also served as both an adjunct and visiting professor at Grand Valley State University.

Chris Kolb is president of the Michigan Environmental Council, a statewide coalition of 70 environmental, public health and faith-based nonprofit groups. Before joining the MEC, Kolb represented Ann Arbor in the state House for six years and served six years on the Ann Arbor City Council. He has been president of the MEC for six years.

Matthew Davis, M.D., M.A.P.P., is professor of pediatrics and internal medicine at the University of Michigan Health System and professor of public policy at the Gerald R. Ford School at the University of Michigan, having joined the faculty in 2000. Davis also is a professor of health management and policy at the School of Public Health. He previously served as the chief medical executive of the Michigan Department of Community Health/Department of Health and Human Services.

Eric Rothstein is a national water issues consultant and principal at the Galardi Rothstein Group. He served as an independent advisor on the creation of the Great Lakes Water Authority. Rothstein also has served as Jefferson County, Alabama's rate consultant and municipal adviser for litigation related to the county's bankruptcy and issuance of $1.7 billion in sewer warrants and led strategic financial planning for the City of Atlanta's Department of Watershed Management. He has more than 30 years of experience in water, wastewater and stormwater utility finance and rate-making assessments.

Lawrence Reynolds, M.D., is a pediatrician in Flint who serves as president of the Mott Children's Health Center. He received his medical degree from Howard University College of Medicine and has been in practice for 36 years. He has served as president of the Genesee County Medical Society and the Michigan Chapter of the American Academy of Pediatrics. He has honored for his humanitarian and advocacy efforts on behalf of children from the Community Foundation of Greater Flint.

Snyder has said reconnecting with the authority is a critical step to resolving water quality issues and addressing related health concerns. It will not immediately resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control.

To best protect public health, state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. The Michigan Departments of Environmental Quality and Health and Human Services are continuing to provide free water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

####

From: Murray, David (GOV)
Sent: Wednesday, October 21, 2015 1:34 PM
To: Brown, Jessica (GOV); Heaton, Anna (GOV); Biehl, Laura (GOV); Paciorek, Josh (GOV)
Subject: Flint Water Task Force release
Attachments: PR 151020 Flint after action 6.docx

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted]mobile
Twitter:@michigandmurray

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
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####

From: Tommasulo, Karen (DEQ)
Sent: Wednesday, October 21, 2015 1:54 PM
To: Brown, Jessica (GOV)
Subject: RE: Flint Water Task Force release

I hadn't seen it. Thanks!

From: Brown, Jessica (GOV)
Sent: Wednesday, October 21, 2015 1:48 PM
To: Tommasulo, Karen (DEQ)
Subject: FW: Flint Water Task Force release

Here's the final for the Task Force release. It's probably made its way to you through Brad by now but this is the first I'm seeing it. Sending it your way just in case. We'll be issuing it between 2 and 2:15.

Jess

From: Murray, David (GOV)
Sent: Wednesday, October 21, 2015 1:34 PM
To: Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>; Paciorek, Josh (GOV) <Paciorekj@michigan.gov>
Subject: Flint Water Task Force release

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted] mobile
Twitter:@michigandmurray

From: Paciorek, Josh (GOV)
Sent: Thursday, October 22, 2015 9:35 AM
To: Brown, Jessica (GOV); Biehl, Laura (GOV); Kennedy, Jordan (GOV)
Subject: opinion clips

OPINION

MDEQ e-mails show stunning indifference to Flint peril (Detroit Free Press)
Lackadaisical and dismissive -- that's the tone of a Michigan Department of Environmental Quality spokeswoman's response to a July e-mail noting that a member of a second media outlet had made an inquiry about elevated lead levels in Flint's drinking water. And it's a perfectly tone-deaf representation of that agency's response to the public health crisis then brewing in that impoverished town.

Flint, Detroit not only U.S. cities vulnerable to water problems (MLive)
Safe drinking water is essential to public health and to living in a modern society. Over the past century, the remarkable decline in deaths from infectious diseases in the United States and across the world can be largely attributed to the provision of clean water. In 1998, Quentin Young, former president of the American Public Health Association, observed, "Turning on any kitchen faucet for a glass of drinking water without hesitation or peril is a silent homage to public health success, which would not have been possible at the start of the twentieth century."

Editorial: Michigan jobless rate shows economic growth (Detroit News)
At 5 percent, Michigan's unemployment rate has fallen below the national average, currently 5.1 percent, for the first time in a decade and a half. The news is a welcome part of Michigan's effort to recover from the Lost Decade. And although it signals some growth, there's more to do.

Rep. Miller: Fiorina should be next president (Detroit News)
I am convinced Carly Fiorina is the person who is best prepared to protect both our security at home and our vital national interest across the globe as the next president of the United States.

CEO to lead Detroit job development efforts (Detroit News)
Mayor Mike Duggan knows a strong workforce is essential to Detroit's revival. And Friday, he's making public a major overhaul of the city's approach to workforce development.

From: Murray, David (GOV)
Sent: Thursday, November 19, 2015 6:25 PM
To: Eisner, Jennifer (DHHS); Wurfel, Sara (GOV); Brown, Jessica (GOV); Kennedy, Jordan (GOV); Heaton, Anna (GOV); Biehl, Laura (GOV); Agen, Jarrod (GOV)
Cc: Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS)
Subject: Flint blood level data
Attachments: Flint EBL Data Press Release DM.docx

Good evening, MDHHS friends,

Here are suggested changes to the press release. I think it's vitally important to have our "people first" approach, and be very up front about the results. I also think it's important to show up high what we will do with this data. Please consider the changes. I also think it's worth a conversation about whether we want to release this on a Friday morning. This is a challenging situation to be sure, but I think these results are fairly encouraging considering some of the heated rhetoric on this issue.

Thank you,

Dave

FOR IMMEDIATE RELEASE
DRAFT
241-2112

CONTACT: Jennifer Eisner
(517)

MDHHS releases October data outlining blood lead levels in Flint

Results show 24 of 963 people tested had elevated levels

LANSING, Mich. – Blood lead level testing results released today revealed that 24 of 963 adults and children tested in Flint in October had elevated levels, according to the Michigan Department of Health and Human Services.

MDHHS is working closely with the Genesee County Health Department to reach out to families testing with higher levels and help them reduce their exposure to lead sources.

Information was gathered from tests administered citywide to 963 children and adults between October 1 and October 30. Eighteen people age 17 or younger had elevated blood lead levels. Six adults over the age 18 were identified with elevated blood lead levels.

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# # #

From: Eisner, Jennifer (DHHS)
Sent: Thursday, November 19, 2015 3:07 PM
To: Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>
Cc: Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>
Subject: Flint EBL Data

Good afternoon:

Attached, please find the blood lead level test results for Flint zip codes 48501-48507, as well as a corresponding press release and talking points. With your approval and edits, we are planning to notify external partners tomorrow at 9:30 a.m. then post the report on www.michigan.gov/flintwater and issue the press release at 10 a.m.

Please let us know if you have any questions or concerns.

Thanks and best,

Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: [redacted]

STATE OF MICHIGAN
DEPARTMENT OF HEALTH AND HUMAN SERVICES
LANSING

RICK SNYDER
GOVERNOR

NICK LYON
DIRECTOR

FOR IMMEDIATE RELEASE
DRAFT

CONTACT: Jennifer Eisner
(517) 241-2112

MDHHS releases October data outlining blood lead levels in Flint

Results show 24 of 963 people tested had elevated levels

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# # #

From: Eisner, Jennifer (DHHS)
Sent: Friday, November 20, 2015 9:41 AM
To: Murray, David (GOV); Wurfel, Sara (GOV); Brown, Jessica (GOV); Kennedy, Jordan (GOV); Heaton, Anna (GOV); Biehl, Laura (GOV); Agen, Jarrod (GOV)
Cc: Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS); Hertel, Elizabeth (DHHS)
Subject: Re: Flint blood level data

We're talking to the director to and will give you a call soon.

Jennifer

From: Murray, David (GOV)
Sent: Friday, November 20, 2015 9:34:35 AM
To: Eisner, Jennifer (DHHS); Wurfel, Sara (GOV); Brown, Jessica (GOV); Kennedy, Jordan (GOV); Heaton, Anna (GOV); Biehl, Laura (GOV); Agen, Jarrod (GOV)
Cc: Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS); Hertel, Elizabeth (DHHS)
Subject: RE: Flint blood level data

I don't think this should happen today at all. Governor is at an important event in Southeast Michigan this morning, and I think we need some direction from him and others on this issue.

From: Eisner, Jennifer (DHHS)
Sent: Friday, November 20, 2015 9:30 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>; Agen, Jarrod (GOV) <AgenJ@michigan.gov>
Cc: Wurfel, Brad (DEQ) <WurfelB@michigan.gov>; Tommasulo, Karen (DEQ) <TommasuloK@michigan.gov>; Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Hertel, Elizabeth (DHHS) <HertelE@michigan.gov>
Subject: Re: Flint blood level data

Thanks Dave. We're talking with population health now and will send around an updated version as soon as possible.

Will be in touch as soon re: timeline but the notifications are not happening right at 9:30.

Best,
Jennifer

From: Murray, David (GOV)
Sent: Thursday, November 19, 2015 6:24:48 PM
To: Eisner, Jennifer (DHHS); Wurfel, Sara (GOV); Brown, Jessica (GOV); Kennedy, Jordan (GOV); Heaton, Anna (GOV); Biehl, Laura (GOV); Agen, Jarrod (GOV)
Cc: Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ); Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS)
Subject: Flint blood level data

Good evening, MDHHS friends,

Here are suggested changes to the press release. I think it's vitally important to have our "people first" approach, and be very up front about the results. I also think it's important to show up high what we will do with this data. Please consider the changes. I also think it's worth a conversation about whether we want to release this on a Friday morning. This is a challenging situation to be sure, but I think these results are fairly encouraging considering some of the heated rhetoric on this issue.

Thank you,

Dave

FOR IMMEDIATE RELEASE
DRAFT
241-2112

CONTACT: Jennifer Eisner
(517)

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Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: [redacted]

From: Murray, David (GOV)
Sent: Friday, December 04, 2015 2:26 PM
To: Heaton, Anna (GOV); Biehl, Laura (GOV); Kennedy, Jordan (GOV); Brown, Jessica (GOV); Paciorek, Josh (GOV)
Subject: FW: Flint water question

From: Murray, David (GOV)
Sent: Friday, December 04, 2015 2:23 PM
To: 'Livengood, Chad' <CLivengood@detroitnews.com>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>
Subject: RE: Flint water question

Hello Chad,

First, I want to make sure you are aware of this release yesterday from MDHHS that has some numbers I think you will deem relevant. I also encourage you to look at the chart on the release that shows, in context, the historical data on levels going back to 2010.

http://www.michigan.gov/mdhhs/0,5885,7-339--370518--,00.html

In response to your question.

The governor's Flint Water Task Force continues to work on a review of all federal, state and city actions and issues related to water in the city. It's an impressive, bipartisan group of experts who are asking tough questions. We expect the group's report to include a set of recommendations moving forward. State agencies also are continuing with Gov. Snyder's action plan, which includes distributing filters and continuing testing and other steps that will help Flint with its water infrastructure challenges.

Brad will address your questions to him.

It was nice talking to your wife on Tuesday night at the party. Have a nice weekend.

Dave

From: Livengood, Chad [mailto:CLivengood@detroitnews.com]
Sent: Friday, December 04, 2015 1:39 PM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Wurfel, Brad (DEQ) <WurfelB@michigan.gov>
Subject: Flint water question

Dave & Brad,

Congressman Kildee was on Off The Record today and in the overtime segment said he has asked Gov. Snyder to commit to establishing a fund to pay for the health care needs of some 7,000 Flint children who may have been exposed to lead in the water. The congressman said he wants to see it include tracking these children's health and nutrition to ensure they're getting the right care to help mitigate the long-term effect of lead in their bloodstream.

Is this something DEQ or the governor are considering?

Also, something directly for Brad: Kildee said he wants to see DEQ let Flint use a federally-funded revolving loan fund to replace private service lines in the city through forgivable loans. Is that being considered?

I'm writing about this today. Really need a response by 4 p.m., if possible.

-Chad

Chad Livengood
Capitol Reporter
The Detroit News
Lansing bureau: (517) 371-3660
Cell: [redacted]
clivengood@detroitnews.com
Twitter.com/ChadLivengood

From: Biehl, Laura (GOV)
Sent: Friday, December 04, 2015 3:47 PM
To: Agen, Jarrod (GOV)
Cc: Brown, Jessica (GOV)
Subject: Alternate media plan for Wednesday

Revised suggested media schedule for Wednesday, 12/9/15

Morning Radio:
7:30-7:40- WSJM (SW MI)
7:45-7:55- Michael Patrick Shiels
8-8:10 WFNT (Flint)

Southfield Swing
2:30-2:50 p.m.- WWJ-TV with Carol Cain
3-3:30 p.m.- WWJ Radio- Editorial board (their request)
3:45-4:15- WXYZ – Chuck Stokes
4:30-5- Fox 2 Detroit

Original plan:
4-4:20- TAPED For Flashpoint- WDIV
4:30-5- Detroit News
5:05-5:35- Freep

Laura Biehl
Deputy Press Secretary
Executive Office of Michigan Gov. Rick Snyder
George W. Romney Building
111 S. Capitol Ave.
Lansing, MI 48933
Office: (517) 335-6397
Cell: [redacted]
BiehlL@Michigan.gov

From: Wurfel, Brad (DEQ)
Sent: Friday, December 04, 2015 4:16 PM
To: Krisztian, George (DEQ); Murray, David (GOV); Brown, Jessica (GOV)
Subject: FW: NBC News Inquiry regarding LCR and databases
Attachments: LCR violations Nov 2015 MALC.xlsx

Importance: High

Heads up.

Brad Wurfel
Communications Director,
Michigan Department of Environmental Quality
wurfelb@michigan.gov
[redacted]

From: Shekter Smith, Liane (DEQ)
Sent: Friday, December 04, 2015 4:07 PM
To: Krisztian, George (DEQ); Sygo, Jim (DEQ); Wurfel, Brad (DEQ)
Cc: Benzie, Richard (DEQ); Philip, Kris (DEQ); Dettweiler, Dan (DEQ); DeBruyn, Dana (DEQ); Busch, Stephen (DEQ); Devereaux, Tracy Jo (DEQ)
Subject: FW: NBC News Inquiry regarding LCR and databases

FYI

From: Poy, Thomas [mailto:poy.thomas@epa.gov]
Sent: Friday, December 04, 2015 3:05 PM
To: Dave McMillan; jonasj@dnr.state.wi.us; Shekter Smith, Liane (DEQ); Mary Hollingsworth; mike.baker@epa.state.oh.us; Randy Ellingboe
Cc: R5 WD GWDW
Subject: FW: NBC News Inquiry regarding LCR and databases

FYI…HQ provided the attached information to NBC News as a response to their request for LCR data. NBC is doing a big story on lead.

Tom

Tom Poy
Chief, Ground Water and Drinking Water Branch
USEPA - Region 5
(312) 886-5991

From: Lopez-Carbo, Maria
Sent: Friday, December 04, 2015 12:01 PM
To: Downing, Jane <Downing.Jane@epa.gov>; Anderson, Arlene <Anderson.Arlene@epa.gov>; rogers, rick

<rogers.rick@epa.gov>; Wisniewski, Patti-Kay <Wisniewski.Patti-Kay@epa.gov>; Allenbach, Becky <Allenbach.Becky@epa.gov>; Poy, Thomas <poy.thomas@epa.gov>; Brown, Jamesr <brown.jamesr@epa.gov>; Mindrup, Mary <Mindrup.Mary@epa.gov>; Bahrman, Sarah <Bahrman.Sarah@epa.gov>; Li, Corine <Li.Corine@epa.gov>; Jennings, Marie <Jennings.Marie@epa.gov>
Subject: FW: NBC News Inquiry regarding LCR and databases

Good Afternoon:
Just an fyi that HQ received the following request from the press and this was the information that was provided.
It's a big story on lead.
Take a look.
Thanks.
Maria

From: Wadlington, Christina
Sent: Friday, December 04, 2015 12:10 PM
To: Loop, Travis; Schollhamer, Mary
Cc: Lopez-Carbo, Maria
Subject: NBC News Inquiry regarding LCR and databases

The database requested can be found using EPA's Safe Drinking Water Information System (SDWIS) (Link 1). However, for your convenience, the attached spreadsheet is also provided in response to the inquiries below. Please note that spreadsheet contains (2) tabs. Also, if you need assistance navigating the database, please let us know.

Link 1: http://ofmpub.epa.gov/apex/sfdw/f?p=108:200:21406840594934

Christina Wadlington
U.S. Environmental Protection Agency
Office of Ground Water and Drinking Water
Tel: 202.566.1859
Email: wadlington.christina@epa.gov

Initial inquiry:

- A list or database of the utilities that have exceeded the LCR over the last decade/in recent years
- A list or database of utilities that have been cited for violations of the LCR
- Any EPA (or primacy agency) audits of the Lead and Copper Rule enforcement/measures in individual cities or municipalities.
- A database that shows any violations of the Safe Drinking Water Act by Non-Transient Non-Community Water Systems

	A	B
1	**LCR Violations**	
2	**Background on SDWIS**	
3	The data presented below comes from EPA's Safe Drinking Water Information System (SDWIS). This database stores compliance information for public water systems across the country. Reports can be downloaded from EPA's public website to search SDWIS data by various criteria (e.g., rule violation, water system, state, etc). The data below only contains Lead and Copper Rule violations. To view more information, please access the online reports at: https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&PortalPath=/shared/SFDW/_portal/Public&Page=Violation	
4		
5		
6		
7		
8		
9	**Information Regarding the Pivot Table:**	
10	The pivot table below provides information regarding monitoring and reporting (MR) violations and treatment technique (TT) violations per EPA Region and per State.	
11	Monitoring & Reporting violations are assigned when a system did not collect a required sample or did not submit it to the State primacy agency.	
12	Treatment Technique violations are assigned when a public water system does not complete an enforceable procedure or level of technological performance as describe in the regulation to ensure control of a contaminant.	
13	The pivot tables below include drop down menus. Please use them to customize the data you would like to view. In addition, if you double click on the number of violations, a new sheet will open with a list of public water systems.	
14		
15		
16		
17	RULE_NAME	LCR
18	FY	2015
19		
20	**SysInViol**	

	C	D
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20	**VIOLATION_CATEGORY_CODE**	

	A	B
21	**EPA_REGION**	**PRIMACY_AGENCY_CODE**
22	**01**	01
23		CT
24		MA
25		ME
26		NH
27		RI
28		VT
29	**01 Total**	
30	**02**	02
31		NJ
32		NY
33		PR
34		VI
35	**02 Total**	
36	**03**	DE
37		MD
38		PA
39		VA
40		WV
41	**03 Total**	
42	**04**	AL
43		FL
44		GA
45		KY
46		MS
47		NC
48		SC
49		TN
50	**04 Total**	
51	**05**	05
52		IL
53		IN

	C	D
21	**MR**	**TT**
22	1	
23	161	23
24	88	1
25	86	7
26	17	18
27	14	2
28	118	10
29	**485**	**61**
30	3	
31	46	1
32	361	17
33	179	1
34	103	
35	**692**	**19**
36	88	1
37	308	42
38	137	21
39	57	1
40	139	1
41	**729**	**66**
42	19	1
43	337	17
44	624	3
45	12	
46	10	
47	340	78
48	1	1
49	16	4
50	**1,359**	**104**
51	1	
52	92	8
53	65	1

	A	B
54	**05**	MI
55		MN
56		OH
57		WI
58	**05 Total**	
59	**06**	06
60		AR
61		LA
62		NM
63		OK
64		TX
65	**06 Total**	
66	**07**	07
67		IA
68		KS
69		MO
70		NE
71	**07 Total**	
72	**08**	08
73		CO
74		MT
75		ND
76		SD
77		UT
78		WY
79	**08 Total**	
80	**09**	09
81		AS
82		AZ
83		CA
84		GU
85		MP
86		NN

	C	D
54	91	3
55	58	
56	145	12
57	287	24
58	**739**	**48**
59	2	
60	23	3
61	42	3
62	130	
63	110	13
64	2,205	72
65	**2,512**	**91**
66	2	
67	28	
68	83	3
69	149	
70	1	5
71	**263**	**8**
72	6	
73	65	9
74	213	3
75	70	
76	7	
77	57	1
78	45	1
79	**463**	**14**
80	23	
81	9	
82	196	
83	452	11
84	1	
85	11	
86	7	

	A	B
87	**09**	NV
88	**09 Total**	
89	**10**	10
90		AK
91		ID
92		OR
93		WA
94	**10 Total**	
95	**Grand Total**	

	C	D
87	9	1
88	**708**	**12**
89	28	
90	110	9
91	78	
92	102	2
93	110	
94	**428**	**11**
95	**8,378**	**434**

	A	B
1	**LCR Action Level Exceedances**	
2	**Background:**	
3	The Lead and Copper Rule (LCR) is a treatment technique rule. Instead of setting a maximum contaminant level (MCL) for lead or copper, the rule requires public water systems (PWSs) to take certain actions to:	
4	o minimize lead and copper in drinking water,	
5	o reduce water corrosivity and prevent the leaching of these metals from the premise plumbing and drinking water distribution system components, and	
6	o when that isn't enough, to remove lead service lines.	
7	The current rule sets an action level, or concentration, of 0.015 mg/L for lead and 1.3 mg/L for copper.	
8	An action level is not the same as an MCL. An MCL is based on health effects; whereas an action level is a screening tool for determining when certain treatment technique actions are needed.	
9	Because the LCR is a treatment technique rule, the LCR action level is based on the practical feasibility of reducing lead through controlling corrosion.	
10		
11	The pivot table listed below tabulates the action level exceedances reported to SDWIS by state. Same as with the previous sheet, if you double click on the cell, a new sheet with a list of public water systems opens up.	
12		
13	**Row Labels**	**Count of PWSID**
14	**01**	**279**
15	01	1
16	CT	54
17	MA	41
18	ME	49
19	NH	64
20	RI	13
21	VT	57
22	**02**	**215**
23	NJ	86
24	NY	112
25	PR	17
26	**03**	**267**
27	DE	20
28	MD	50

	A	B
29	PA	111
30	VA	66
31	WV	20
32	**04**	**277**
33	04	2
34	AL	9
35	FL	59
36	GA	73
37	KY	4
38	MS	20
39	NC	79
40	SC	23
41	TN	8
42	**05**	**305**
43	05	5
44	IL	52
45	IN	57
46	MI	45
47	MN	17
48	OH	56
49	WI	73
50	**06**	**274**
51	06	2
52	AR	7
53	LA	21
54	NM	32
55	OK	48
56	TX	164
57	**07**	**116**
58	07	1
59	IA	30
60	KS	28
61	MO	38

	A	B
62	NE	19
63	**08**	**115**
64	08	3
65	CO	57
66	MT	18
67	ND	6
68	SD	1
69	UT	12
70	WY	18
71	**09**	**174**
72	09	15
73	AS	1
74	AZ	43
75	CA	100
76	HI	2
77	MP	5
78	NN	5
79	NV	3
80	**10**	**180**
81	10	4
82	AK	41
83	ID	42
84	OR	50
85	WA	43
86	**Grand Total**	**2202**

From: Dickinson, Sarah (GOV)
Sent: Tuesday, December 08, 2015 2:23 PM
To: Brown, Jessica (GOV)
Subject: Jason Cooper - 3/10/15

RDS to call: (810) 743-8446

Purpose: Opportunity to discuss the importance of supporting the roads proposal that will be before voters on May 5.

Possible Topics:

Roads
Gun boards bill signed
Appointments to Human Trafficking Commission- (release from last week: http://michigan.gov/snyder/0,4668,7-277-57577_57657-346964--,00.html)

Flint Water
River of Opportunity
2015 Priorities
Budget
MEGA credits

News Coverage:

Flint Police Department explains weapons inventory discrepancy (WFNT) http://wfnt.com/flint-police-department-explains-weapons-inventory-discrepancy/

Genesee County gun board will be no more, clerk and state police will issue concealed pistol licenses (Flint Journal) http://www.mlive.com/news/flint/index.ssf/2015/03/genesee_county_gun_board_will.html#incart_river<http://www.mlive.com/news/flint/index.ssf/2015/03/genesee_county_gun_board_will.html>

Flint water advisory committee's first meeting erupts in shouting match (Flint Journal) http://www.mlive.com/news/flint/index.ssf/2015/03/flint_residents_say_committee.html

Consultant's final report on Flint water due this week (Michigan Radio) http://michiganradio.org/post/consultants-final-report-flint-water-due-week

Protests over water as Flint breaks tie to Detroit (Detroit News) http://www.detroitnews.com/story/news/local/michigan/2015/03/04/flint-water-protests/24395233/

Michigan's Proposal 1 would mean $12 million more for Saginaw County roads (MLive) http://www.mlive.com/news/saginaw/index.ssf/2015/03/proposal_1_will_mean_115_milli.html

MSP bringing helicopter to Saginaw County airport to provide eye in the sky (MLive) http://www.mlive.com/news/saginaw/index.ssf/2015/03/michigan_state_police_helicopt.html

Last interview: 12/8/14 for year-end interview and re: roads on day of Flint JustFixTheRoads roundtable

Market: Flint and Saginaw Metro and online at http://wfnt.com/

Note: Jason Cooper<http://wfnt.com/author/jcooper/> WFNT's News Director and host of Conversations with Jason Cooper. Interview will air during Jason's show Tuesday from 11-noon.

Contact: (810) 743-8446; Backup - (810) 743-8255

From: Eisner, Jennifer (DHHS)
Sent: Tuesday, December 08, 2015 4:53 PM
To: Brown, Jessica (GOV)
Cc: Biehl, Laura (GOV)
Subject: Flint Update

Jess and Laura:

Sorry for the delay..

1. How many people have been tested since Oct. 1?
    - Total of 1,836 tested, 39 elevated results
        - Children 0 – 5: 806 tested
        - Children 6 – 17: 525 tested
        - Adults: 505 tested

2. What are the most recent recommendations?
    - Testing children:
        - Children who live in the city of Flint should be tested for lead exposure. This should be done as soon as possible.
        - The best place to get your child's blood lead test is your doctor's office. Contact your primary care provider.
        - Children can also get a free lead test at the Genesee County Health Department. For help with transportation, call 2-1-1.
    - Protecting your family from lead in the water:
        - Get your water tested for lead. It's free. Call (810) 787-6537 to learn more.
        - Use a water filter in your home. MDHHS continues to provide free water filters and replacement cartridges to Flint residents at four locations, including the MDHHS Flint offices and the Genesee County Community Action Resource Department.
        - Run only cold water through the filter.
        - If you do not have a water filter, use bottled water for drinking and mixing formula.
        - Use filtered or bottled water for drinking (including making coffee, drink mixes, juice, baby formula), and cooking (even if you boil the water, the lead will stay in the water and food).
        - If you have to use unfiltered water for drinking or cooking, run the tap for five minutes before using the water
    - Safe cleaning:
        - Safe cleaning is important. Keeping your home clean and safe from lead hazards will help to protect your family.
        - Buildings built before 1978 could have lead paint in them. Use wet paper towels to clean up paint chips and dust in these older buildings. Be sure to clean around windows, play areas, and floors.
        - Wash hands and toys often with soap and water.
        - You can use unfiltered tap water to wipe down countertops, mop floors, and wash clothes
    - Good nutrition:
        - Some foods will help keep lead from being stored in a child's body, and therefore good nutrition is important.
        - Eat and provide your family with foods that have a lot of calcium, iron and vitamin C.
        - Foods include:
            1. Calcium – milk, cheese, yogurt, tofu, spinach

2. Iron – beans, lean meats like fish and chicken, whole grain cereals, peanut butter
3. Vitamin C – oranges, orange juice, grapefruits, tomatoes, green peppers

Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: [redacted]

From: Eisner, Jennifer (DHHS)
Sent: Tuesday, December 08, 2015 4:55 PM
To: Brown, Jessica (GOV)
Cc: Biehl, Laura (GOV)
Subject: RE: Flint Update

MDHHS continues to provide free water filters and replacement cartridges to Flint residents at four locations, including the **MDHHS Flint offices and the Genesee County Community Action Resource Department.**

Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: [redacted]

From: Brown, Jessica (GOV)
Sent: Tuesday, December 08, 2015 4:54 PM
To: Eisner, Jennifer (DHHS) <EisnerJ@michigan.gov>
Cc: Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: RE: Flint Update

Thanks Jen – remind me where families can do if they need a new filter? Or if they want to request testing?

From: Eisner, Jennifer (DHHS)
Sent: Tuesday, December 08, 2015 4:53 PM
To: Brown, Jessica (GOV) <BrownJ53@michigan.gov>
Cc: Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: Flint Update

Jess and Laura:

Sorry for the delay..

1. How many people have been tested since Oct. 1?
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        - Children 0 – 5: 806 tested
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    - Use filtered or bottled water for drinking (including making coffee, drink mixes, juice, baby formula), and cooking (even if you boil the water, the lead will stay in the water and food).
    - If you have to use unfiltered water for drinking or cooking, run the tap for five minutes before using the water
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    - Buildings built before 1978 could have lead paint in them. Use wet paper towels to clean up paint chips and dust in these older buildings. Be sure to clean around windows, play areas, and floors.
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    - Eat and provide your family with foods that have a lot of calcium, iron and vitamin C.
    - Foods include:
        1. Calcium – milk, cheese, yogurt, tofu, spinach
        2. Iron – beans, lean meats like fish and chicken, whole grain cereals, peanut butter
        3. Vitamin C – oranges, orange juice, grapefruits, tomatoes, green peppers

Jennifer Eisner
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Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: 5[redacted]

From: Wurfel, Brad (DEQ)
Sent: Tuesday, December 08, 2015 4:57 PM
To: Brown, Jessica (GOV); Biehl, Laura (GOV)
Subject: Goveneror talking point on Flint

The DEQ continues implementing the Governor's 10-point action plan to protect kids and families in Flint. Worth noting are

1. SCHOOLS TESTING

- The Governor's plan commits that DEQ will test water in every Flint school. To date, 8 schools in Flint have undergone a thorough inspection of their plumbing. Crews from the state are completing one to two schools each weekend.
- The story has been the same in each school inspected: lead exposure has been limited to old drinking fountains and faucets that should have been changed out years ago. When these fixtures are run for a couple minutes, lead presence drops to safe levels. If / when these fixtures are removed, it will address the lead exposure in schools.
- DEQ has not identified lead in the deeper plumbing of the schools. That's great news. It means fixing the issue will be comparatively inexpensive and quick.

2. COMMUNITY WATER TESTING
    - Since September, more than 500 residents have taken advantage of free home water sampling through the DEQ lab. Results are updated regularly on the DEQ web site, www.michigan.gov/FLINTWATER.
    - Residents are encouraged to continue taking advantage of this free service, but also are encouraged to get kids tested for blood lead levels.

3. LEAD SERVICE LINE REPLACEMENT

- The only way to remove the threat of lead exposure in drinking water is to remove sources like old faucets and lead service lines. The DEQ is working with the city to develop a long-term plan for removing the service lines. This is complicated because the service line is the portion that runs from the city system to the residence. It's the part that is mostly on private property and is generally considered the customer's responsibility.
- DEQ worked with Congressman Kildee to get EPA approval to use Revolving Loan Fund dollars to accomplish lead service line replacement.

OTHER VARIOUS ISSUES:
Cong. Kildee has renewed calls for loan forgiveness in Flint. The city owes the state approximately $20.8 million for past loans, and they're scheduled to be paid off in

2024. DEQ cannot forgive old loans; we can, however, build loan forgiveness into new loans. Forgiveness is presently capped at 30 percent on new loans.

City has called on DEQ to pay for fixes to the broader water distribution system on the idea that running river water through the system for 14 months ruined it. That's an unproven statement. The system has been in a serious state of disrepair for many years. We have not addressed this issue in the media. We are focused on the Governor's plan.

Lawmakers have called for the state to create a fund to provide wraparound services for the (Kildee says 7,000) kids exposed to Flint water situation. Don't know where the 7,000 number came from. DHHS has numbers of kids who actually have elevated blood lead levels. Again, not an issue we've addressed or plan to.

Brad Wurfel
Communications Director,
Michigan Department of Environmental Quality
wurfelb@michigan.gov
[redacted]

From: Wurfel, Brad (DEQ)
Sent: Wednesday, December 09, 2015 2:38 PM
To: Tommasulo, Karen (DEQ)
Subject: DEQ Flint news: Brownell STEM Academy Report now available
Attachments: BrownellAcademy_Report.pdf; Brownell Spreadsheet.pdf

Greetings. The DEQ today posted its latest report from water tests at Flint schools. The report from Brownell STEM Academy is enclosed, and will be posted shortly on the state's Flint water website, www.Michigan.gov/flintwater

This testing is different from the surveillance testing done for compliance with the federal Lead and Copper Rule. It involves identifying and documenting faucets and drinking fountains in each school, performing repeated tests to check for lead exposure at initial draws and subsequent draws over several minutes. Additionally, state teams are performing extended water draws at strategically selected locations to identify possible lead components deeper in the school's plumbing infrastructure.

State teams have now completed sampling at eight Flint schools as part of the commitment in Governor Snyder's 10-point action plan to protect Flint kids and families, and a clear pattern is emerging: Old faucets and drinking fountains are a potential source for lead exposure. To be clear, investigators are not finding lead sources in the deeper plumbing of the schools inspected so far, and only a portion of the faucets and drinking fountains inspected are demonstrating potential lead exposure.

The good news is that replacing these outdated faucets is inexpensive compared to addressing major plumbing and is effective at eliminating lead exposure. The other good news is that, when run for a few minutes, presence of lead in the sampling drops to minimal or non-detection levels.

This news should also be of value to residents in older homes, whether in Flint or anywhere in the state. Old faucets likely contain brass components that can impart lead into water. Anyone concerned about lead exposure in water can take simple steps to build awareness of their exposure and prevent it.

- Free water testing is available to any Flint resident. More than 500 residents have taken advantage of this program since September. The results of that testing are regularly updated on the state's website.
- Free blood lead level testing is available through Genessee County Health Department. Results of that testing also are available on the state's website.
- Educational materials are available to help residents learn more about lead exposure and how to prevent it. On the website.

For more information, contact George Krisztian, DEQ Flint Action Plan Coordinator:
George L. Krisztian
Flint Action Plan Coordinator
Laboratory Director
Michigan Department of Environmental Quality
Desk ph (517) 284-6719

Cell ph [redacted]

Experts with the Michigan Department of Licensing and Regulatory Affairs' Plumbing division of offer the following advice for concerned homeowners:

- Check and clean aerator screens in faucets around the house. Screens can sometimes contain a buildup of lead contaminants.
- Inspect household plumbing for lead solder. Solder joints connect pipes in household water distribution systems. If your house was built before 1987, your plumbing may have lead solder.
- Look at the home water service pipes that connect the water main in the street to the household plumbing. Homes built in the mid-1950s may still have lead service pipes.
- Call a professional. Have your home inspected by a licensed plumbing contractor to determine the features of your household plumbing. To verify if a plumbing contractor is licensed, visit: www.lara.state.mi.us/bcclicense/

b

Brad Wurfel
Communications Director,
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BROWNELL STEM ACADEMY

Outlet Sampling and Plumbing Assessment Recommendations

6302 Oxley Drive, Flint, Michigan 48504

BACKGROUND INFORMATION

On Friday, October 30, 2015, the Department of Licensing and Regulatory Affairs (DLARA) and the Department of Environmental Quality (DEQ) conducted an assessment of the plumbing system at Brownell STEM Academy to gain a comprehensive understanding of how water moves through the building and what types of plumbing materials are used. The assessment identified the following potential sources of lead leaching into drinking water:

- Lead solder joints on copper piping
- Brass valves and brass fittings
- Brass components in fixtures
- Galvanized piping

The assessment also identified a total of 23 faucets or fountains that provide water for drinking, cooking and/or food preparation. The team developed a sequence for sampling the faucets/fountains based on how water travels through the school building.

On Saturday, October 31, 2015, the DEQ and the DLARA completed sampling of the 23 faucets/fountains in the Brownell STEM Academy school building in the order determined by the plumbing assessment from the previous day, following a stagnation period of over 12 hours. At each of the 23 faucets/fountains identified, staff collected four samples. Two initial, 125-milliliter samples (P1 and P2), were collected immediately after turning on the tap. The water was then flushed for 30 seconds and a third, 125-milliliter sample (F01) was collected. Finally, the water was flushed for another two minutes, and the fourth 125-milliliter sample (F02) was collected. These samples were used to determine the impact of any lead sources in and around each specific faucet/fountain and its connecting plumbing.

The DEQ and the DLARA then completed consecutive sampling at three of the 23 faucets/fountains in the Brownell STEM Academy school building. This consecutive sampling was used to determine the impact of any lead sources located deep in the supply plumbing of the school building. The three sites included one site near the building service line, one site near the plumbing mid-point, and one site at the far end of the plumbing system. At each of these three sites, staff collected ten, 1-liter samples. The ten samples were collected immediately after turning on the tap, and consecutively, without any flushing time in between.

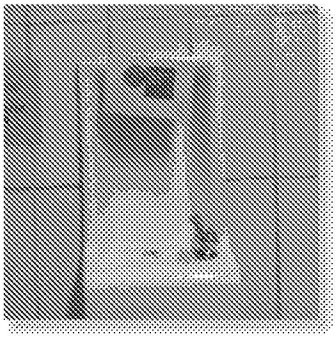
WATER SERVICE INFORMATION

A four-inch diameter cast iron water service line enters the main school building in the mechanical room located in the middle of the building. Piping in the boiler room immediately transitions into galvanized metal piping and then into copper piping with lead solder joints for cold water lines. Two separate copper cold water supply lines exit the mechanical room. One through the north wall in the west corner appears to serve fixtures in the north end of the main wing of the school building. A second line exits the south wall and appears to serve fixtures in the south end of the main wing, and then continues over and serves fixtures in the west wing of the school building. Copper piping with lead solder joints branches off of the copper supply lines. Hot water is distributed in continuous loops that feed from and return to a central water heater in the mechanical room. Hot water piping material, where exposed, was copper piping with lead solder joints. Brass valves were seen throughout the building.

Outlets With Lead Levels Greater Than 15 Parts per Billion

The DEQ recommends school facilities take action if samples from any drinking water outlets show lead levels greater than 15 parts per billion. Based on the sampling conducted at 23 faucets/fountains on October 31, 2015, the following 12 drinking water outlets had lead water level results greater than 15 parts per billion. Each of these 12 outlets is listed below with its sample results, including a description of the potential source(s) of lead, and recommended actions for the school to take.

Outlet: Bubbler Drinking Fountain (DW001)

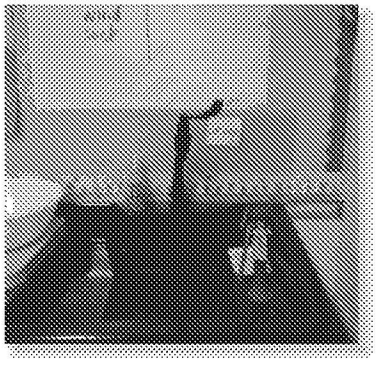


Location: North Hallway, across from Classroom 12
Results: P1=64 parts per billion, P2=4 parts per billion
F01=2 parts per billion, F02=non-detect

These results suggest the highest contribution of lead may be from the bubbler itself. This bubbler fixture is made of chrome plated brass with a brass connection on the underside of the unit. The connection piping to the unit also contains some brass components, including brass fittings and a brass valve.

Replacement of this bubbler tap and its connection plumbing with lead free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Laboratory Sink Faucet, Right (CF004)



Location: Classroom 17, west wall
Results: P1=56 parts per billion, P2=29 parts per billion,
F01=7 parts per billion, F02=3 parts per billion

These results suggest the highest contribution of lead may be from the faucet and its connecting plumbing. This faucet appears to be constructed of coated brass. Connecting plumbing for this faucet was not accessible, but should be checked for additional lead containing components, including brass fittings and a brass valve.

Replacement of this faucet and its connection plumbing with lead free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Laboratory Sink Faucet, Left (CF005)

Location: Classroom 17, west wall
Results: P1=31 parts per billion, P2=6 parts per billion,
F01=2 parts per billion, F02=1 part per billion

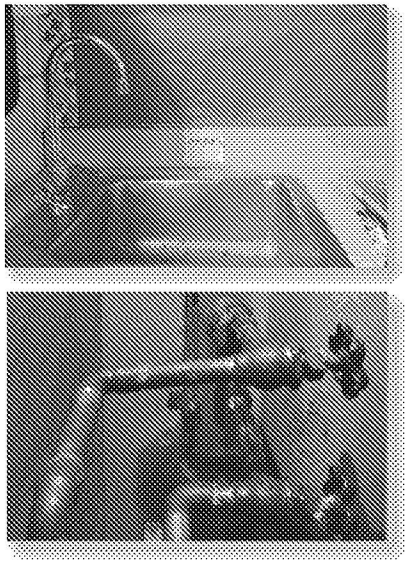
NO IMAGE AVAILABLE

These results suggest the highest contribution of lead may be from the faucet itself. This faucet appears to be constructed of coated brass. Connecting plumbing for this faucet was not accessible, but should be checked for additional lead containing components, including brass fittings and a brass valve.

Replacement of this faucet and its connection plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Sink Faucet, Left (CF007)

Location: Classroom 26, south wall
Results: P1=164 parts per billion, P2=166 parts per billion,
F01=15 parts per billion, F02=1 part per billion



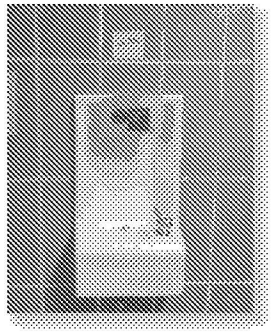
These results suggest the highest contribution of lead may be from the faucet and its connecting plumbing. The base of this faucet is chrome plated brass, and has a brass connection on the underside of the sink. Hot and cold water lines connect to this faucet with a brass mixer fitting under the sink. Connecting plumbing in the cabinet under the sink is copper piping with lead solder and contains additional brass components and brass shutoff valves.

Copper results for samples P1 and P2 at this location were also at levels above which the DEQ recommends school facilities take action. Copper results suggest these same brass components are contributing to this condition.

Replacement of this faucet and its connection plumbing with lead free materials will significantly reduce lead and copper exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

This faucet also has an aerator/screen at the outlet. If the faucet is not replaced, the aerator/screen should be removed, inspected for particulate accumulations, scrubbed clean, and reinstalled. If particulates are found, the aerator/screen should be periodically checked and cleaned.

Outlet: Bubbler Drinking Fountain, Right (DW008)

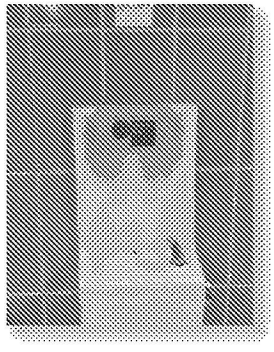


Location: South Hallway, across from Classroom 26
Results: P1=46 parts per billion, P2=11 parts per billion,
F01=4 parts per billion, F02=1 part per billion

These results suggest the highest contribution of lead may be from the bubbler itself. This bubbler fixture is made of chrome plated brass with a brass connection on the underside of the unit. The connection piping to the unit also contains some brass components, including a brass valve.

Replacement of this bubbler tap and its connection plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Bubbler Drinking Fountain, Left (DW009)

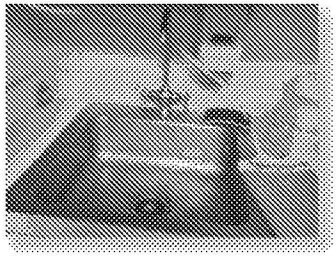


Location: South Hallway, across from Classroom 26
Results: P1=23 parts per billion, P2=7 parts per billion,
F01=3 parts per billion, F02=2 parts per billion

These results suggest the highest contribution of lead may be from the bubbler itself. This bubbler fixture is made of chrome plated brass, has a brass connection on the underside of the unit, and a brass operating valve on the side of the unit. The connection piping to the unit also contains some brass components, including brass fittings and a brass valve.

Replacement of this bubbler tap and its connection plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Sink Faucet (CF010)

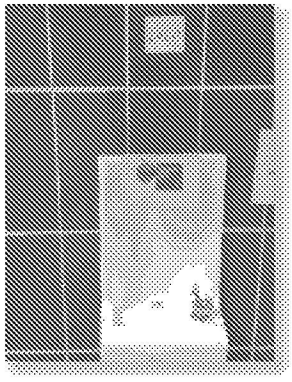


Location: Room 27 Lounge, north wall
Results: P1=25 parts per billion, P2=34 parts per billion,
F01=2 parts per billion, F02=non-detect

These results suggest the highest contribution of lead may be from the faucet and its connecting plumbing. The base of this faucet is chrome plated brass, and has a brass connection on the underside of the sink. Connecting plumbing in the cabinet under the sink includes brass connectors and brass shut off valves.

Replacement of this faucet and its connection plumbing with lead free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Bubbler Drinking Fountain, Left (DW013)

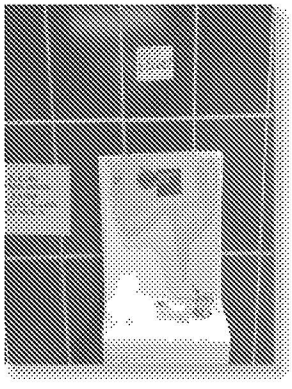


Location: West Wing South Hallway, between Classrooms 1 and 2
Results: P1=27 parts per billion, P2=15 parts per billion,
F01=8 parts per billion, F02=2 parts per billion

These results suggest the highest contribution of lead may be from the bubbler itself. This bubbler fixture is made of chrome plated brass with a brass connection on the underside of the unit. The connection piping to the unit also contains some brass components, including brass fittings and a brass valve.

Replacement of this bubbler tap and its connection plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Bubbler Drinking Fountain, Right (DW014)

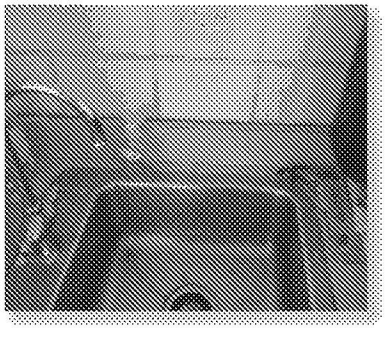


Location: West Wing South Hallway, between Classrooms 1 and 2
Results: P1=16 parts per billion, P2=3 parts per billion,
F01=2 parts per billion, F02=1 part per billion

These results suggest the highest contribution of lead may be from the bubbler itself. This bubbler fixture is made of chrome plated brass with a brass connection on the underside of the unit. The connection piping to the unit also contains some brass components, including brass fittings and a brass valve.

Replacement of this bubbler tap and its connection plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Sink Faucet (KC019)

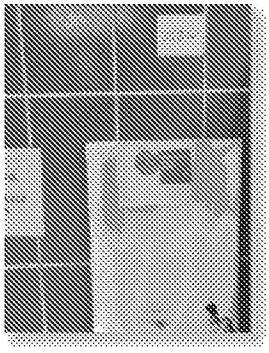


Location: Classroom 4, east wall
Results: P1=16 parts per billion, P2=10 parts per billion,
F01=non-detect, F02=non-detect

These results suggest the highest contribution of lead may be from the faucet and its connecting plumbing. The base of this faucet is chrome plated brass. Connecting plumbing for this faucet should be checked for additional lead containing components, including brass fittings and brass valves.

Replacement of this faucet and its connection plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Bubbler Drinking Fountain, Right (DW020)

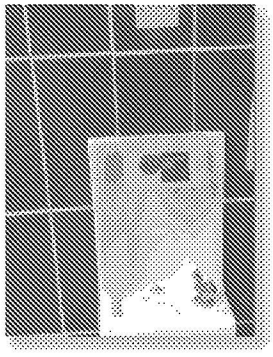


Location: West Wing North Hallway, between Classrooms 6 and 7
Results: P1=33 parts per billion, P2=15 parts per billion,
F01=20 parts per billion, F02=2 parts per billion

These results suggest the highest contribution of lead may be from the bubbler itself. This bubbler fixture is made of chrome plated brass with a brass connection on the underside of the unit. The connection piping to the unit also contains some brass components, including brass fittings and a brass valve.

Replacement of this bubbler tap and its connection plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Bubbler Drinking Fountain, Left (DW021)



Location: West Wing North Hallway, between Classrooms 6 and 7
Results: P1=38 parts per billion, P2=27 parts per billion,
F01=2 parts per billion, F02=2 parts per billion

These results suggest the highest contribution of lead may be from the bubbler itself. This bubbler fixture is made of chrome plated brass with a brass connection on the underside of the unit. The connection piping to the unit also contains some brass components, including brass fittings and a brass valve.

Replacement of this bubbler tap and its connection plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for three minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlets With Lead Levels 15 Parts per Billion or Less

While the remaining 11 outlets showed sample results to be at levels requiring no further action, several recommendations have been identified.

The fourth sample (F02) at all 23 outlets following approximately three minutes of use and flushing at a reduced flow resulted in reduced lead concentrations of 3 parts per billion or less. This indicates that flushing of all taps used for drinking, cooking, and/or food preparation for four minutes following periods of stagnation will further reduce lead exposure. It is recommended that a flushing operational procedure be developed for use by staff responsible for plumbing operations and maintenance with emphasis on flushing after weekends and holidays.

Five of these 11 outlets are comprised of similar materials as the outlets listed above and could potentially experience higher lead levels under extended periods of stagnation. These faucets/fountains include:

- Bubbler Drinking Fountain Unit in North Hallway, across from Classroom 12 (DW002)
- Chrome Plated Brass Base Faucets in Classroom 15 (CF003), Classroom 26 (CF006), Classroom 6 (CF022), and Classroom 7 (CF023)

Replacement of these fixtures with lead-free materials is also recommended.

The remaining six outlets showed sample results of 15 parts per billion or less, requiring no further action or additional recommendations. These faucets/fountains include:

- Kitchen Faucets in the Community Room (CF012), Classroom 2 (KC017), and two in Classroom 1 (KC015 and KC016).
- Integrated Bubbler Faucet in the Classroom 4 restroom (CF018)
- Water Cooler in the hallway east of the Gym (WC011)

Consecutive Sampling Results and Building Plumbing Recommendations

The consecutive samples taken on October 31, 2015, at three sites in the Brownell STEM Academy school building provide additional confirmation that the highest contribution of lead appears to be from the individual faucet/fountains and not from the larger diameter supply plumbing within the school building. However, results from Classroom 17 also suggest that the copper supply line with lead solder joints serving the north hallway in the main wing may contain more stagnant water due to the limited number of fixtures served by this line and their lack of use. A flushing operational procedure may further reduce lead contributions from this supply line caused by stagnant conditions related to its use. Results of the consecutive sample monitoring are listed in the table below.

Consecutive Sample No.	1	2	3	4	5	6	7	8	9	10
LOCATION	LEAD RESULT (PARTS PER BILLION; ND = NOT-DETECTED)									
Classroom 17 Lab Sink Faucet (CF004)	10	3	3	3	2	2	2	2	2	2
Community Room Sink Faucet (CF012)	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Classroom 7 Sink Faucet (CF023)	2	ND	ND	ND	ND	ND	ND	ND	ND	ND

Brownell STEM Academy
6302 Oxley Drive
Flint, Michigan 48504

ANALYTE	RESULT (mg/L)	ANALYTE	RESULT (mg/L)	Sample Description	Site Code	Site Code Description
Lead	0.027	Copper	0.14	DW013-DRINKING	P1	First Primary draw of 125 milliliters
Lead	0.015	Copper	0.13	DW013-DRINKING	P2	Second Primary draw of 125 milliliters
Lead	0.008	Copper	0.09	DW013-DRINKING	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.002	Copper	0.00	DW013-DRINKING	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.038	Copper	0.10	DW021-DRINKING	P1	First Primary draw of 125 milliliters
Lead	0.027	Copper	0.00	DW021-DRINKING	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.00	DW021-DRINKING	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.002	Copper	0.00	DW021-DRINKING	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.008	Copper	0.00	CF023-RM #7	P1	First Primary draw of 125 milliliters
Lead	0.012	Copper	0.15	CF023-RM #7	P2	Second Primary draw of 125 milliliters
Lead	0.000	Copper	0.06	CF023-RM #7	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.00	CF023-RM #7	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.016	Copper	0.08	DW014-DRINKING	P1	First Primary draw of 125 milliliters
Lead	0.003	Copper	0.00	DW014-DRINKING	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.00	DW014-DRINKING	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.001	Copper	0.00	DW014-DRINKING	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.016	Copper	0.18	KC019-RM #4	P1	First Primary draw of 125 milliliters
Lead	0.010	Copper	0.28	KC019-RM #4	P2	Second Primary draw of 125 milliliters
Lead	0.000	Copper	0.00	KC019-RM #4	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.00	KC019-RM #4	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.033	Copper	0.16	DW020-DRINKING	P1	First Primary draw of 125 milliliters
Lead	0.015	Copper	0.12	DW020-DRINKING	P2	Second Primary draw of 125 milliliters
Lead	0.020	Copper	0.00	DW020-DRINKING	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.002	Copper	0.00	DW020-DRINKING	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.012	Copper	0.14	DW002-DRINKING	P1	First Primary draw of 125 milliliters
Lead	0.007	Copper	0.08	DW002-DRINKING	P2	Second Primary draw of 125 milliliters
Lead	0.004	Copper	0.00	DW002-DRINKING	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.001	Copper	0.00	DW002-DRINKING	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.011	Copper	0.20	CF022-RM #6	P1	First Primary draw of 125 milliliters
Lead	0.006	Copper	0.22	CF022-RM #6	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.00	CF022-RM #6	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.07	CF022-RM #6	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.009	Copper	0.07	CF006-RM 26	P1	First Primary draw of 125 milliliters
Lead	0.010	Copper	0.15	CF006-RM 26	P2	Second Primary draw of 125 milliliters
Lead	0.004	Copper	0.16	CF006-RM 26	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.00	CF006-RM 26	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.056	Copper	0.21	CF004-RM 17	P1	First Primary draw of 125 milliliters
Lead	0.029	Copper	0.14	CF004-RM 17	P2	Second Primary draw of 125 milliliters
Lead	0.007	Copper	0.16	CF004-RM 17	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.003	Copper	0.17	CF004-RM 17	F02	Flush Sample taken 2 minutes after First Flush Sample

Note: Results of "Not Detected" have been converted to a numerical value of zero to allow for ease of sorting.
Results in RED exceed 15 ppb for lead or 1.3 ppm for Copper
1 ppb = 0.001 mg/L

Brownell STEM Academy
6302 Oxley Drive
Flint, Michigan 48504

ANALYTE	RESULT (mg/L)	ANALYTE	RESULT (mg/L)	Sample Description	Site Code	Site Code Description
Lead	0.011	Copper	0.14	KC016-RM-#1	P1	First Primary draw of 125 milliliters
Lead	0.003	Copper	0.14	KC016-RM-#1	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.05	KC016-RM-#1	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.00	KC016-RM-#1	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.013	Copper	0.18	KC017-RM #2	P1	First Primary draw of 125 milliliters
Lead	0.008	Copper	0.18	KC017-RM #2	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.00	KC017-RM #2	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.00	KC017-RM #2	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.010	Copper	0.09	CF018-RM #4	P1	First Primary draw of 125 milliliters
Lead	0.007	Copper	0.11	CF018-RM #4	P2	Second Primary draw of 125 milliliters
Lead	0.000	Copper	0.00	CF018-RM #4	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.00	CF018-RM #4	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.007	Copper	0.13	KC015-RM #1	P1	First Primary draw of 125 milliliters
Lead	0.002	Copper	0.27	KC015-RM #1	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.00	KC015-RM #1	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.002	Copper	0.07	KC015-RM #1	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.031	Copper	0.08	CF005-RM 17	P1	First Primary draw of 125 milliliters
Lead	0.006	Copper	0.07	CF005-RM 17	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.06	CF005-RM 17	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.001	Copper	0.06	CF005-RM 17	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.064	Copper	0.11	DW001-DRINKING	P1	First Primary draw of 125 milliliters
Lead	0.004	Copper	0.09	DW001-DRINKING	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.09	DW001-DRINKING	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.00	DW001-DRINKING	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.023	Copper	0.33	DW009-DRINKING	P1	First Primary draw of 125 milliliters
Lead	0.007	Copper	0.09	DW009-DRINKING	P2	Second Primary draw of 125 milliliters
Lead	0.003	Copper	0.00	DW009-DRINKING	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.002	Copper	0.00	DW009-DRINKING	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.025	Copper	0.19	CF010-RM 27	P1	First Primary draw of 125 milliliters
Lead	0.034	Copper	0.16	CF010-RM 27	P2	Second Primary draw of 125 milliliters
Lead	0.002	Copper	0.00	CF010-RM 27	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.00	CF010-RM 27	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.164	Copper	2.04	CF007-RM 26	P1	First Primary draw of 125 milliliters
Lead	0.166	Copper	1.74	CF007-RM 26	P2	Second Primary draw of 125 milliliters
Lead	0.015	Copper	0.78	CF007-RM 26	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.001	Copper	0.06	CF007-RM 26	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.007	Copper	0.14	CF003-RM 15	P1	First Primary draw of 125 milliliters
Lead	0.011	Copper	0.11	CF003-RM 15	P2	Second Primary draw of 125 milliliters
Lead	0.001	Copper	0.09	CF003-RM 15	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.00	CF003-RM 15	F02	Flush Sample taken 2 minutes after First Flush Sample

Note: Results of "Not Detected" have been converted to a numerical value of zero to allow for ease of sorting.
Results in RED exceed 15 ppb for lead or 1.3 ppm for Copper
1 ppb = 0.001 mg/L

Brownell STEM Academy
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Flint, Michigan 48504

ANALYTE	RESULT (mg/L)	ANALYTE	RESULT (mg/L)	Sample Description	Site Code	Site Code Description
Lead	0.000	Copper	0.06	CF012	P1	First Primary draw of 125 milliliters
Lead	0.014	Copper	0.13	CF012	P2	Second Primary draw of 125 milliliters
Lead	0.000	Copper	0.00	CF012	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.000	Copper	0.00	CF012	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.011	Copper	0.56	WC011-DRINKING	P1	First Primary draw of 125 milliliters
Lead	0.014	Copper	0.67	WC011-DRINKING	P2	Second Primary draw of 125 milliliters
Lead	0.014	Copper	0.39	WC011-DRINKING	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.002	Copper	0.06	WC011-DRINKING	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.046	Copper	0.42	DW008-DRINKING	P1	First Primary draw of 125 milliliters
Lead	0.011	Copper	0.10	DW008-DRINKING	P2	Second Primary draw of 125 milliliters
Lead	0.004	Copper	0.00	DW008-DRINKING	F01	Flush Sample taken 30 Seconds after Second Primary Draw
Lead	0.001	Copper	0.00	DW008-DRINKING	F02	Flush Sample taken 2 minutes after First Flush Sample
Lead	0.010	Copper	0.17	CF004 - RM #17	CA1	First Sequential Sample
Lead	0.003	Copper	0.17	CF004 - RM #17	CA2	Second Sequential Sample
Lead	0.003	Copper	0.18	CF004 - RM #17	CA3	Third Sequential Sample
Lead	0.003	Copper	0.19	CF004 - RM #17	CA4	Forth Sequential Sample
Lead	0.002	Copper	0.20	CF004 - RM #17	CA5	Fifth Sequential Sample
Lead	0.002	Copper	0.19	CF004 - RM #17	CA6	Sixth Sequential Sample
Lead	0.002	Copper	0.19	CF004 - RM #17	CA7	Seventh Sequential Sample
Lead	0.002	Copper	0.19	CF004 - RM #17	CA8	Eigth Sequential Sample
Lead	0.002	Copper	0.18	CF004 - RM #17	CA9	Ninth Sequential Sample
Lead	0.002	Copper	0.17	CF004 - RM #17	CA10	Tenth Sequential Sample
Lead	0.002	Copper	0.00	CF012 -	CB1	First Sequential Sample
Lead	0.000	Copper	0.00	CF012	CB2	Second Sequential Sample
Lead	0.000	Copper	0.00	CF012	CB3	Third Sequential Sample
Lead	0.000	Copper	0.00	CF012	CB4	Forth Sequential Sample
Lead	0.000	Copper	0.00	CF012	CB5	Fifth Sequential Sample
Lead	0.000	Copper	0.00	CF012	CB6	Sixth Sequential Sample
Lead	0.000	Copper	0.00	CF012	CB7	Seventh Sequential Sample
Lead	0.000	Copper	0.00	CF012	CB8	Eigth Sequential Sample
Lead	0.000	Copper	0.00	CF012	CB9	Ninth Sequential Sample
Lead	0.000	Copper	0.00	CF012	CB10	Tenth Sequential Sample
Lead	0.002	Copper	0.00	CF023	CC1	First Sequential Sample
Lead	0.000	Copper	0.00	CF023	CC2	Second Sequential Sample
Lead	0.000	Copper	0.00	CF023	CC3	Third Sequential Sample
Lead	0.000	Copper	0.00	CF023	CC4	Forth Sequential Sample
Lead	0.000	Copper	0.00	CF023	CC5	Fifth Sequential Sample
Lead	0.000	Copper	0.00	CF023	CC6	Sixth Sequential Sample
Lead	0.000	Copper	0.00	CF023	CC7	Seventh Sequential Sample
Lead	0.000	Copper	0.00	CF023	CC8	Eigth Sequential Sample
Lead	0.000	Copper	0.00	CF023	CC9	Ninth Sequential Sample
Lead	0.000	Copper	0.00	CF023	CC10	Tenth Sequential Sample

Note: Results of "Not Detected" have been converted to a numerical value of zero to allow for ease of sorting.
Results in RED exceed 15 ppb for lead or 1.3 ppm for Copper
1 ppb = 0.001 mg/L

From: Wurfel, Brad (DEQ)
Sent: Thursday, December 10, 2015 1:28 PM
To: Holland, Meegan (MDOS); Murray, David (GOV)
Cc: Brown, Jessica (GOV)
Subject: FW: Flint water

Importance: High

Egan is preparing a story for tomorrow's paper that stitches Flint water to Camp LeJune.
Anyone have a minute to discuss this?
Oh, and here's some background that may be helpful.
https://en.wikipedia.org/wiki/Marine_Corps_Base_Camp_Lejeune

Brad Wurfel
Communications Director,
Michigan Department of Environmental Quality
wurfelb@michigan.gov
[redacted]

From: Egan, Paul [mailto:pegan@freepress.com]
Sent: Thursday, December 10, 2015 12:44 PM
To: Wurfel, Brad (DEQ)
Cc: Minicuci, Angela (DHHS)
Subject: RE: Flint water

It's only three basic questions, Brad. I just gave you some extra background and context. 5 p.m.?

From: Wurfel, Brad (DEQ) [mailto:WurfelB@michigan.gov]
Sent: Thursday, December 10, 2015 12:43 PM
To: Egan, Paul <pegan@freepress.com>
Cc: Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>
Subject: RE: Flint water

That's not much lead time, Paul. We'll do what we can with this. What's your deadline for response?

Brad Wurfel
Communications Director,
Michigan Department of Environmental Quality
wurfelb@michigan.gov
[redacted]

From: Egan, Paul [mailto:pegan@freepress.com]
Sent: Thursday, December 10, 2015 11:56 AM
To: Wurfel, Brad (DEQ)

Cc: Minicuci, Angela (DHHS)
Subject: Flint water

Hi Brad/Angela: I am writing a story for Friday's paper about former Flint Mayor James Sharp, Jr. calling for federal investigations and more comprehensive outreach efforts to contact and test those who may have drank Flint water containing unsafe levels of lead.

Sharp, who was Flint mayor from 1983 to 1987, also has another somewhat unique perspective on the issue of contaminated drinking water. He was a U.S. Marine stationed at Camp Lejeune in the 1950s, where it was later determined drinking water was contaminated with cancer-causing chemicals such as the dry cleaning fluid perchloroethylene.

Sharp told the Free Press in an interview Wednesday that his daughter born on the base, who died at the age of two months, may have been a victim of the toxins.

Sharp said after learning of the contamination in the 1980s, officials created a database and contacted him and thousands of others who may have drank the water.

In 2012, President Obama signed federal legislation providing medical care to those who drank the Camp Lejeune water.

Similar actions, along with investigations by the U.S. Justice Department and FBI, need to be taken in response to the situation in Flint, Sharp said.

Just a couple of questions:

What is the status of the "after action" report requested by the governor?

Does the state believe investigations by the U.S. Justice Department or FBI would be helpful?

What is the state's response to Sharp's suggestion of creating a database of everyone who might have been exposed to the water and attempting to contact and test them?

Thanks, Paul Egan
Detroit Free Press
517-372-8660

From: Dickinson, Sarah (GOV)
Sent: Thursday, December 10, 2015 2:40 PM
To: Brown, Jessica (GOV)
Subject: RE: last interviews

DPTV on 10/21/15

Purpose: To update listeners about your work to improve education in Detroit, discuss proposed legislation and why this impacts the rest of the state.

Possible Topics:

- Detroit schools reform
- EAA/FBI probe
- Roads
- Flint water

Recent articles:
Freep: Snyder's plan to overhaul DPS could cost $715M - http://www.freep.com/story/news/2015/10/19/snyder-offers-more-details-detroit-schools-plan/74208674/
Detroit News: Snyder's Detroit school reform tab: $715M over 10 years-
http://www.detroitnews.com/story/news/local/detroit-city/2015/10/19/detroit-education-reform/74207124/
AP: Gov. Snyder: Michigan liable if Detroit schools not fixed - http://www.wral.com/gov-snyder-michigan-liable-if-detroit-schools-not-fixed/14986215/
Michigan Radio: Gov. Snyder proposes new plan to overhaul Detroit's school system -
http://michiganradio.org/post/gov-snyder-proposes-new-plan-overhaul-detroits-school-system#stream/0 Detroit News: Snyder details plans to fix Detroit schools; could cost state $715 million -
http://www.crainsdetroit.com/article/20151019/NEWS/151019869/snyder-fixing-detroit-schools-could-cost-state-715-million
Mlive: How Snyder plans to sell his $715 million plan for Detroit schools to Michigan lawmakers (MLive) -
http://www.mlive.com/lansing-news/index.ssf/2015/10/how_snyder_plans_to_sell_his_7.html#incart_river_home

NOTE: Nolan is on vacation in Paris, Ingrid is filling in for him. Segment will be live-streamed on DPTV's website but aired on Thursday.

Last interview: 6/5/15 with Ariel at Vets event, last MI week taping 3/20/15

Market: Detroit Metro / online – dptv.org

Contact: Daphne cell: [redacted] Back-up: Christy cell: [redacted]

From: Brown, Jessica (GOV)
Sent: Thursday, December 10, 2015 2:30 PM
To: Dickinson, Sarah (GOV) <Dickinson5@michigan.gov>
Subject: last interviews

Can you send me the appointments from the last times we talked with these:

1) WKQS (would have been UP trip, I think)
2) WDIV
3) DPTV
4) Oakland Press/Macomb Daily

No immediate rush, by end of day would be great though! THANK YOU!

Jessica M. Brown
Communications Representative
Executive Office of Michigan Governor Rick Snyder
O: 517-335-6397
M: [redacted]
BrownJ53@michigan.gov

From: Eisner, Jennifer (DHHS)
Sent: Friday, December 11, 2015 11:32 AM
To: Murray, David (GOV); Brown, Jessica (GOV); Kennedy, Jordan (GOV)
Cc: Lasher, Geralyn (DHHS); Minicuci, Angela (DHHS); Wurfel, Brad (DEQ); Tommasulo, Karen (DEQ)
Subject: Flint EBL Report Press Release
Attachments: Flint Blood Testing Report December 11.pdf; Flint EBL Data Press Release Dec. 11.docx

Follow Up Flag: Follow up
Flag Status: Completed

Team Gov:

Attached please find the second blood lead level summary report for Flint and the corresponding press release. With it being Friday, we would like to get this out as soon as possible – ideally at or before 1 p.m.

Please let me know if you have any concerns.

Best,

Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: [redacted]

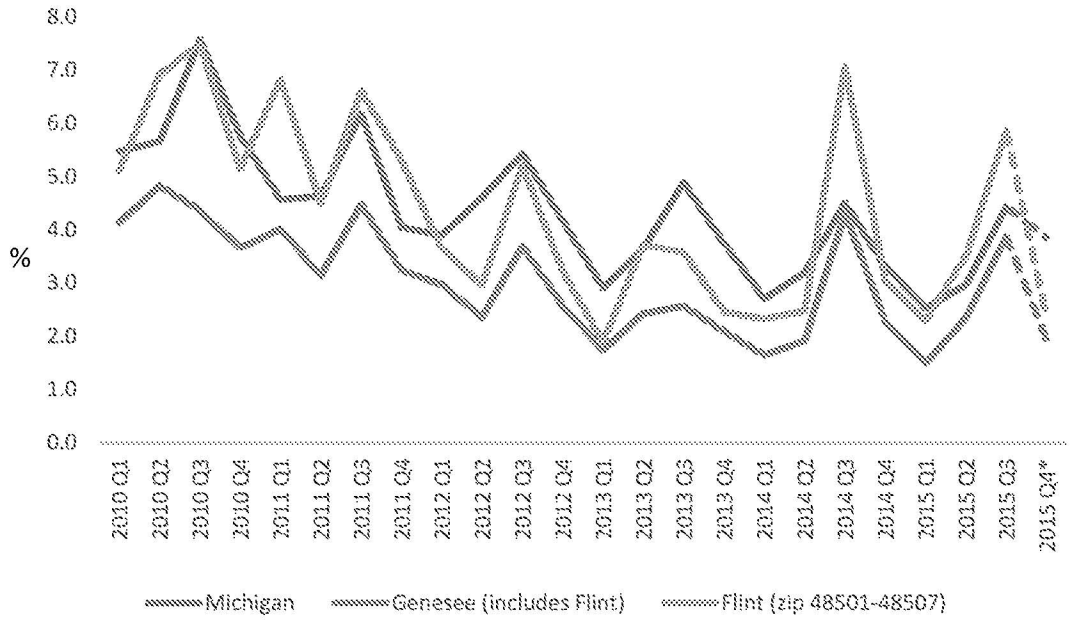
Michigan Department of Health and Human Services (MDHHS)
Blood Lead Level Test Results for Flint Zip Codes 48501-48507
Genesee County, and the State of Michigan
Summary as of December 4, 2015

Executive Summary

This report is generated by MDHHS to track Blood Lead Level test results in Flint, Michigan.

- Counts on this report include both capillary and venous blood tests. People who have had multiple tests are counted only once per year.
- Since 10/1/2015, an additional 1,836 people have been tested in Flint.
- Continued testing efforts by Genesee County Health Department, MDHHS and local medical personnel have identified 27 children with blood lead levels greater than or equal to 5µg/dL (micrograms per deciliter) since 10/1/2015.
- 2.4 percent of the children younger than 6 years old tested since 10/1/2015 have had blood lead levels greater than or equal to 5µg/dL.
- Additional testing is ongoing. Counts will vary as new results are added.

Incidence of elevated blood lead ≥ 5 µg/dL among children < 6 years of age by quarter, 2010- 2015



Deduplicated by year,retains test during the time period. *Data for Q4 2015 are incomplete

** Data for Quarter 4 of 2015 are incomplete and subject to change*

	Children younger than 6 Years Old			Children 6 to 17 Years Old		
	Michigan	Genesee County	Flint 48501-48507	Michigan	Genesee County	Flint 48501-48507
Total tested for lead 1/1/2010 to 12/31/2010:	152,608	6,932	3,560	17,963	867	463
Number of test results ≥5µg/dL 1/1/2010 to 12/31/10:	9,509	298	222	907	25	20
Total tested for lead from 1/1/2011 to 12/31/2011:	149,420	6,667	3,093	15,725	1,038	544
Number of test results ≥5µg/dL 1/1/2011 to 12/31/11:	7,392	250	180	651	20	15
Total tested for lead 1/1/2012 to 12/31/2012:	146,142	7,008	3,112	15,460	1,386	630
Number of test results ≥5µg/dL 1/1/2012 to 12/31/12:	6,704	206	127	478	17	12
Total tested for lead 1/1/2013 to 12/31/2013:	145,813	6,986	3,077	13,897	1,241	566
Number of test results ≥5µg/dL 1/1/2013 to 12/31/13:	5,647	156	95	342	9	4
Total tested for lead 1/1/2014 to 12/31/2014:	141,355	6,690	3,045	12,936	913	428
Number of test results ≥5µg/dL 1/1/2014 to 12/31/14:	4,948	178	122	386	6	5
Total tested for lead 1/1/2015 to 11/13/2015:	127,535	6,178	2,931	11,548	1,352	881
Number of test results ≥5µg/dL 1/1/2015 to 11/13/2015:	4,426	153	104	322	13	10
Total tested for lead 10/1/2015 to 11/13/2015:	22,062	1,389	806	2,127	658	525
Number of test results ≥5µg/dL 10/1/2015 to 11/13/2015:	851	27	19	52	10	8

** Data for Quarter 4 of 2015 are incomplete and subject to change*

	Adults 18 Years and Older			Total Number of People of All Ages Tested		
	Michigan	Genesee County	Flint 48501-48507	Michigan	Genesee County	Flint 48501-48507
Total tested for lead 1/1/2010 to 12/31/2010:	13,853	602	195	184,424	8,401	4,218
Number of test results ≥5µg/dL 1/1/2010 to 12/31/10:	1,462	42	18	11,878	365	260
Total tested for lead 1/1/2011 to 12/31/2011:	13,259	542	139	178,404	8,247	2,726
Number of test results ≥5µg/dL 1/1/2011 to 12/31/11:	1,369	44	16	9,412	314	211
Total tested for lead 1/1/2012 to 12/31/2012:	13,059	556	155	174,661	8,950	3,907
Number of test results ≥5µg/dL 1/1/2012 to 12/31/12:	1,415	33	11	8,597	256	150
Total tested for lead 1/1/2013 to 12/31/2013:	12,199	498	136	171,909	8,725	3,779
Number of test results ≥5µg/dL 1/1/2013 to 12/31/13:	1,499	54	16	7,488	219	115
Total tested for lead 1/1/2014 to 12/31/2014:	12,684	441	112	166,975	8,044	3,585
Number of test results ≥5µg/dL 1/1/2014 to 12/31/14:	1,422	44	12	6,756	228	139
Total tested for lead 1/1/2015 to 11/13/2015:	12,509	1,022	639	151,592	8,552	4,451
Number of test results ≥5µg/dL 1/1/2015 to 11/13/2015:	1,279	41	18	6,027	207	132
Total tested for lead 10/1/2015 to 11/13/2015:	2,513	648	505	26,702	2,695	1,836
Number of test results ≥5µg/dL 10/1/2015 to 11/13/2015:	262	17	12	1,165	54	39

** Data for Quarter 4 of 2015 are incomplete and subject to change*

STATE OF MICHIGAN

RICK SNYDER
GOVERNOR

DEPARTMENT OF HEALTH AND HUMAN SERVICES
LANSING

NICK LYON
DIRECTOR

FOR IMMEDIATE RELEASE
December 11, 2015

CONTACT: Jennifer Eisner
(517) 241-2112

MDHHS releases latest round of Flint blood lead level data

LANSING, Mich. – The Michigan Department of Health and Human Services today issued its newest summary report on lead testing in Flint. According to preliminary data, 39 of 1,836 adults and children tested had elevated blood lead levels since Oct. 1.

"As testing continues, our focus remains on helping families reduce all potential exposures to lead," said Dr. Eden Wells, MDHHS chief medical executive. "We are working closely with the Genesee County Health Department to provide information and offer tools in the community, and encourage families to explore the resources that are available to them."

Both capillary and venous blood tests are included in the report, and people who have had multiple tests are counted only once. Tests and their results cover the time since the state action plan was put in place on Oct. 2, and capture the number of elevated blood lead levels greater than 5 micrograms per deciliter.

MDHHS is working closely with local partners to offer resources and distribute important lead testing and prevention information. Additional state funding has allowed for Genesee County Health Department (GCHD) nurses to work with families when an elevated blood lead level is detected. These families can also choose to have the nurse coordinate an environmental health investigation in their home to identify lead exposures, which could be lead from paint, soil, plumbing, and other sources.

To support these efforts, the state is coordinating with its Medicaid health plans and provider communities on enhanced screening and testing. In addition to mandated testing at ages one and two for the Medicaid population, MDHHS has recommended blood lead testing for any child younger than six years of age in Flint who has not previously been tested. The state, in coordination with GCHD, developed and issued a Health Alert Network (HAN) notification for local providers to help ensure consistent messaging and protocols among primary care providers.

Free water filters and replacement cartridges are still available to Flint residents. For a full list of locations and hours of distribution, or to view the full blood lead level report, visit www.michigan.gov/flintwater. The summary will be updated as more data becomes available.

To help residents properly install water filters, and to demonstrate how to replace the original when it expires, MDHHS has created an instructional video on its YouTube channel. For this and other updates, visit www.michigan.gov/flintwater.

# # #

From: Bowling, Joe'L (GOV)
Sent: Monday, December 14, 2015 8:50 AM
To: Brown, Jessica (GOV)
Subject: FW: Newsroom: Departments

From: Bowling, Joe'L (GOV)
Sent: Monday, December 14, 2015 8:38 AM
To: Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: Newsroom: Departments

DHHS

In Flint and beyond, lead remains irreversible scourge among Michigan's children (MLive)
Across Michigan, in cities large and small, lead poisoning continues to plague children, limiting them in school and on the playground. Although much of the state's focus has been on lead-poisoned water in Flint, the metal continues to turn up annually in the bodies of thousands of children across the state, at percentages well above the numbers that raised red flags in Flint.

DNR

Michigan DNR finds fourth case of chronic wasting disease (WMMT)
The Michigan Department of Natural Resources has found a fourth case of chronic wasting disease in a mid-Michigan deer. During firearm deer season, a hunter from DeWitt Township, in Clinton County, brought in a buck that tested positive for CWD.

93-pound Petoskey stone confiscated by Michigan DNR (AP)
State wildlife officials have confiscated a 93-pound Petoskey boulder from a man who pulled it out of Lake Michigan. The Grand Rapids Press reports Department of Natural Resources officers went to Tim O'Brien's home in the Manistee County community of Copemish on Wednesday.

MDARD

Michigan Department of Agriculture warns against Lock Stock & Barrel Ranch products (Holland Sentinel)
The Michigan Department of Agriculture and Rural Development warns consumers that may have purchased any of the products listed below produced by Lock Stock & Barrel Ranch of Onaway to dispose of all products immediately because they were manufactured without using the required controls for the safe production of processed foods.

MDE

Debate delays new social studies standards (Michigan Radio)
There's a civil rights debate brewing in Michigan. It's about whether schools have too much civil rights education or too little. This controversy has prompted the State Board of Education to delay voting on new social studies standards.

Study: Higher education is key to Michigan's future but comes with $500M annual price tag (MLive)
Michigan needs an additional 779,000 students to earn an education or training credential beyond high school by 2025 to meet the needs of employers and place Michigan among the nation's 10 best educated states, according to a report issued by a coalition of business, education, labor and government leaders.

MDOT

State updating 20-year transportation plan (Grand Rapids Business Journal)
The long-range transportation plan for Michigan is ready for public opinion. As required by federal law, the Michigan Department of Transportation is requesting public feedback to help revise its long-range transportation plan, or SLRP.

MDOT seeks input on 5-year road plan (The Detroit News)
Drivers on Interstate 96 will have another headache to deal with next year if the Michigan Department of Transportation moves ahead with its list of road projects.

Supreme Court
Michigan Supreme Court lets stand Grand Rapids law easing prosecution of marijuana cases (AP)
A Grand Rapids law that makes possession of small amounts of marijuana an offense similar to a traffic ticket has survived a challenge in the Michigan Supreme Court after the justices declined to take an appeal from a prosecutor.

Joe'L Bowling
Communications Intern
Executive Office of Gov. Rick Snyder
517-335-6397

From: Biehl, Laura (GOV)
Sent: Tuesday, December 15, 2015 11:49 AM
To: Brown, Jessica (GOV)
Subject: RE: media briefings
Attachments: Re: Year-end interview; RE: Year-end interview; Re: Year-end?

Note: Gongwer didn't send topics yet.

WILX is TBD reporter, they didn't send topics either yet.

And there's nothing helpful with my conversations with Skubick.

From: Brown, Jessica (GOV)
Sent: Tuesday, December 15, 2015 11:47 AM
To: Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: media briefings

Can you forward me the email chains with the info for the ones I'm doing for tomorrow? Please and thanks!

Jessica M. Brown
Communications Representative
Executive Office of Michigan Governor Rick Snyder
O: 517-335-6397
M: [redacted]
BrownJ53@michigan.gov

From: Kyle Melinn [redacted]
Sent: Monday, December 14, 2015 2:33 PM
Subject: Re: Year-end interview

Laura -

It looks like it will be John and I will be coming from MIRS. We haven't talked about topics, yet. We'll probably ask him about DPS and Switch, for sure. As I've found with the Governor, there is no topic he isn't prepared for! ;)

Kyle

On Fri, Dec 11, 2015 at 3:57 PM, Biehl, Laura (GOV) <BiehlL@michigan.gov> wrote:

Great. Will just need to know Monday who from MIRS is coming with you and an idea of topics I can share with him in advance.

Laura

From: Kyle Melinn [redacted]
Sent: Friday, December 11, 2015 3:57 PM
To: Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: Re: Year-end interview

Yup. Put us in

Sent from my iPhone

On Dec 11, 2015, at 3:56 PM, Biehl, Laura (GOV) <BiehlL@michigan.gov> wrote:

> Hey guys- Happy Holidays! Writing to set up you're year-end interview with the Governor. Can you come into the Romney to meet with him on Wednesday from 2:10-2:25 p.m.?
>
> Let me know if that works.

Best,

Laura Biehl

Deputy Press Secretary

Executive Office of Michigan Gov. Rick Snyder

George W. Romney Building

111 S. Capitol Ave.

Lansing, MI 48933

Office: (517) 335-6397

Cell: [redacted]

BiehlL@Michigan.gov

From: Zach Gorchow <zgorchow@gongwer.com>
Sent: Monday, December 14, 2015 11:11 AM
Subject: RE: Year-end interview

No, we'll stick with Wednesday from 2:30-2:45. Thanks though.

From: Biehl, Laura (GOV) [mailto:BiehlL@michigan.gov]
Sent: Monday, December 14, 2015 10:20 AM
To: 'Zach Gorchow'
Subject: RE: Year-end interview

I can switch it to time on Friday if you prefer.

From: Zach Gorchow [mailto:zgorchow@gongwer.com]
Sent: Monday, December 14, 2015 10:18 AM
To: Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: RE: Year-end interview

Hi Laura,

Potentially tricky with the Legislature still in session, but we will make it work. At least John Lindstrom and I will be there.

Thanks and happy holidays to you as well,

Zach

Zach Gorchow
Editor
Gongwer News Service/Michigan Report
517-482-3500
News, Bill Tracking, Directories, Election Data, Administrative Rules –
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From: Biehl, Laura (GOV) [mailto:BiehlL@michigan.gov]
Sent: Friday, December 11, 2015 3:59 PM
To: 'Zach Gorchow'
Subject: Year-end interview

Hi Zach- Writing to set up Gongwer's year-end interview with Gov. Snyder for next week. Can you come in to meet with him at the Romney from 2:30-2:45 p.m. on Wednesday?

Let me know if that works.

Happy Holidays!

Laura Biehl
Deputy Press Secretary
Executive Office of Michigan Gov. Rick Snyder
George W. Romney Building
111 S. Capitol Ave.
Lansing, MI 48933
Office: (517) 335-6397
Cell: [redacted]
BiehlL@Michigan.gov

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www.avast.com

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www.avast.com

From: Jonathan Oosting [joosting@mlive.com]
Sent: Monday, December 14, 2015 1:06 PM
Subject: Re: Year-end?

Sure thing. Here's a broad topic list Emily and I spitballed this morning.

A) revisit big items on 2015 agenda: roads, energy, criminal justice and DPS. B) Talk other big stuff: refugee policy, Flint water, Healthy Michigan future. C) Business climate, including incentive philosophy and Switch data center legislation. D) Goals for 2016

Jonathan Oosting | MLive Media Group | 313.319.8559 | joosting@mlive.com

On 12/14/15, 11:18 AM, "Biehl, Laura (GOV)" <BiehlL@michigan.gov> wrote:

>Thanks. Can you send me a list of topics by tomorrow?
>
>Laura
>
>-----Original Message-----
>From: Jonathan Oosting [mailto:joosting@mlive.com]
>Sent: Friday, December 11, 2015 1:39 PM
>To: Biehl, Laura (GOV) <BiehlL@michigan.gov>
>Subject: Re: Year-end?
>
>Sure, 3:05 it is.
>
>Jonathan Oosting | MLive Media Group | 313.319.8559 |
>joosting@mlive.com
>
>
>
>
>
>
>On 12/11/15, 1:38 PM, "Biehl, Laura (GOV)" <BiehlL@michigan.gov> wrote:
>
>>Let's bump back 5 min to 3:05 (I know our precise timing is silly) but
>>we often run ahead too as you know.
>>
>>
>>Laura Biehl
>>Deputy Press Secretary
>>Executive Office of Gov. Rick Snyder
>>Office: (517) 335-6397
>>Cell: [redacted]
>>
>>> On Dec 11, 2015, at 1:33 PM, Jonathan Oosting <joosting@mlive.com>

>>>wrote:
>>>
>>> That works well. Emily and I can both make it at 3 p.m. on Wednesday.
>>>I'll
>>> send some topics Monday.
>>>
>>> Jonathan Oosting | MLive Media Group | 313.319.8559 |
>>> joosting@mlive.com
>>>
>>>
>>>
>>>
>>>
>>>
>>>> On 12/11/15, 1:13 PM, "Biehl, Laura (GOV)" <BiehlL@michigan.gov>
>>>>wrote:
>>>>
>>>> Yeah that's what I thought... Let's plan on 3-3:20 on Wednesday if
>>>> that works for you guys. Would be great to have both you and Emily.
>>>>
>>>> Let me know if that works.
>>>>
>>>> I'll need to know what topics you're thinking of asking (but you
>>>>can get back to me on that on Monday)
>>>>
>>>> -----Original Message-----
>>>> From: Jonathan Oosting [mailto:joosting@mlive.com]
>>>> Sent: Friday, December 11, 2015 1:13 PM
>>>> To: Biehl, Laura (GOV) <BiehlL@michigan.gov>
>>>> Subject: Re: Year-end?
>>>>
>>>> The hangouts was a Fritz Klug thing, and he¹s gone, unfortunately.
>>>> I think Wednesday afternoon at your offices would work well. Emily
>>>> Lawler will probably join me.
>>>>
>>>> Jonathan Oosting | MLive Media Group | 313.319.8559 |
>>>>joosting@mlive.com
>>>>
>>>>
>>>>
>>>>
>>>>
>>>>
>>>>> On 12/11/15, 1:01 PM, "Biehl, Laura (GOV)" <BiehlL@michigan.gov>
>>>>>wrote:
>>>>>
>>>>> Hey- you guys don't have the capability to do the Hangout with all
>>>>>the hubs anymore do you? If not, I'm thinking just an interview
>>>>>here in our offices, unless you were thinking otherwise.
>>>>>
>>>>> I'm looking at Wednesday afternoon as of now.
>>>>>
>>>>> Laura
>>>>>
>>>>> -----Original Message-----
>>>>> From: Jonathan Oosting [mailto:joosting@mlive.com]
>>>>> Sent: Friday, December 11, 2015 10:43 AM

>>>>> To: Biehl, Laura (GOV) <BiehlL@michigan.gov>
>>>>> Subject: Re: Year-end?
>>>>>
>>>>> Sounds good, thanks!
>>>>>
>>>>> Jonathan Oosting | MLive Media Group | 313.319.8559 |
>>>>> joosting@mlive.com
>>>>>
>>>>>
>>>>>
>>>>>
>>>>>
>>>>>
>>>>>> On 12/11/15, 10:41 AM, "Biehl, Laura (GOV)" <BiehlL@michigan.gov>
>>>>>>wrote:
>>>>>>
>>>>>> Yep that's me. It will be next week. I will be back in the office
>>>>>>this afternoon and can give you timing.
>>>>>>
>>>>>>
>>>>>> Laura Biehl
>>>>>> Deputy Press Secretary
>>>>>> Executive Office of Gov. Rick Snyder
>>>>>> Office: (517) 335-6397
>>>>>> Cell: [redacted]
>>>>>>
>>>>>>> On Dec 11, 2015, at 10:37 AM, Jonathan Oosting
>>>>>>> <joosting@mlive.com>
>>>>>>> wrote:
>>>>>>>
>>>>>>> Hey Laura, are you still the person who will be setting up
>>>>>>>year-end interviews with the governor? If so, please keep me in
>>>>>>>mind!
>>>>>>>
>>>>>>> Jonathan Oosting | MLive Media Group | 313.319.8559 |
>>>>>>> joosting@mlive.com
>>>
>

From: Bedan, Morgan (GOV)
Sent: Wednesday, December 16, 2015 3:35 PM
To: Brown, Jessica (GOV)
Cc: Dickinson, Sarah (GOV)
Subject: FW: Media Breifings
Attachments: Thursday Year-end Media Briefings.docx

Can you copy Sarah on these too moving forward?

From: Brown, Jessica (GOV)
Sent: Wednesday, December 16, 2015 3:34 PM
To: Bedan, Morgan (GOV) <BedanM@michigan.gov>
Subject: Media Breifings

Morgan – still a couple TBD reporters. I'll email you as soon as I hear. These should match the new format. Copying Laura as I'm going with FLOM to Skubick.

Jessica M. Brown
Communications Representative
Executive Office of Michigan Governor Rick Snyder
O: 517-335-6397
M: [redacted]
BrownJ53@michigan.gov

RDS/DMurray - PRINT Interview – Mark Sanchez from Mi Biz – 616-834-3546

Location: By phone (616-834-3546) - Governor's Office

Market: Statewide / online – www.mibiz.com

Time: 2:30 – 2:45 p.m.

Purpose: Opportunity to highlight the successes in Michigan's reinvention during 2015.

Possible Topics:

- Switch Data Center legislation
- MEDC Cuts and MEGA credits
- Jobs/skilled trades
- Energy update
- Road Funding package
- Syrian Refugee Stance
- 2016 look-ahead

Recent articles:
Abate, then Switch: Las Vegas tech firm asks legislators to change Michigan tax law to benefit data center industry (Mi Biz)
http://mibiz.com/item/23115-abate,-then-switch-las-vegas-tech-firm-asks-legislators-to-change-michigan-tax-law-to-benefit-data-center-industry
Could retail medical marijuana thrive in West Michigan?
http://mibiz.com/item/23114-could-retail-medical-marijuana-thrive-in-west-michigan
Economic developers remain optimistic despite MEDC cuts (Mi Biz)
http://mibiz.com/item/22928-economic-developers-remain-optimistic-despite-medc-cuts
State, General Motors agree to cap MEGA credits at mystery amount (MLive)
http://www.mlive.com/lansing-news/index.ssf/2015/12/state_and_gm_agree_to_cap_mega.html
Switch data center tax break bills delayed – not dead – in Michigan House (MLive)
http://www.mlive.com/lansing-news/index.ssf/2015/12/switch_data_center_tax_break_b_2.html

Last interview: 5/5/15 re: Venture Capital and Entrepreneurship Reports

Contact: Mark Cell: [redacted]; Back-up/Office: 616-608-6170

RDS/LBiehl - TAPED TV Interview with TBD from 9 & 10 News

Location: Governor's Conference Room

Market: Northern / online – http://www.9and10news.com/

Time: 2:50 – 3 p.m.

Purpose: Opportunity to highlight the successes in Michigan's reinvention during 2015.

Possible Topics:

- Pipeline Task Force
- Energy update
- Road Funding package
- Jobs/skilled trades
- Syrian Refugee Stance
- 2016 look-ahead

Recent articles:

Gov. Rick Snyder takes steps to regulate Michigan Pipelines (9 & 10)
http://www.9and10news.com/story/29956151/gov-rick-snyder-takes-steps-to-regulate-michigan-pipelines
Gov. Rick Snyder makes move to assist Michigan's Energy Concerns (9 & 10)
http://www.9and10news.com/story/29612146/gov-rick-snyder-makes-move-to-assist-michigans-energy-concerns
Gov. Rick Snyder celebrates 10-year anniversary of big UP Land Deal (9 & 10)
http://www.9and10news.com/story/29774595/gov-rick-snyder-celebrates-10-year-anniversary-of-big-up-land-deal
Snyder creates PAC to support problem-solvers (Marquette Mining Journal)
http://www.miningjournal.net/page/content.detail/id/626316.html
Despite Soo shutdown, new lock a long shot (Detroit Free Press)
http://www.freep.com/story/news/local/michigan/2015/08/29/soo-locks-shutdown-expansion/71392210/

Last interview: 3/13/15 re: U.P. trip and Northern Michigan University visit, was part of roundtable with three U.P. stations

Contact: Newsroom: 231-876-9711

RDS/JBrown: TAPED TV Interview with TBD from ABC 12 - WJRT

Location: Governor's Office

Time: 3:05 – 3:15 p.m.

Market: Flint Metro / Online at abc12.com

Purpose: Opportunity to highlight the successes in Michigan's reinvention during 2015.

Possible Topics:

- Flint water
- Flint emergency manager
- Switch Data Center legislation
- MEDC Cuts and MEGA credits
- Jobs/skilled trades
- Energy update
- Road Funding package
- Syrian Refugee Stance

- 2016 look-ahead

Recent articles:
Gov. Snyder reacts to Trump comparison (ABC 12)
http://www.abc12.com/home/headlines/Gov-Snyder-reacts-to-Trump-comparison-361708701.html
Flint mayor declares state of emergency (ABC 12)
http://www.abc12.com/home/headlines/Flints-Mayor-asking-for-state-of-emergency--362152551.html
Water from FEMA arrives Monday at Food Bank of Eastern Michigan (ABC 12)
http://www.abc12.com/news/headlines/Water-from-FEMA-arrives-Monday-at-Food-Bank-of-Eastern-Michigan-361814301.html
Michigan DEQ says 39 adults, children have high blood lead levels in Flint (ABC 12)
http://www.abc12.com/news/headlines/Michigan-DEQ-says-39-adults-children-have-high-blood-lead-levels-in-Flint-361615871.html
Ex-emergency manager says he's not to blame for Flint River water switch (MLive)
http://www.mlive.com/news/flint/index.ssf/2015/10/ex_emergency_manager_earley_sa.html
Is emergency manager law to blame for Flint water crisis? (Detroit Free Press)
http://www.freep.com/story/news/politics/2015/10/24/emergency-manager-law-blame-flint-water-crisis/74048854/

Last interview: 4/30/15 re: Part of the Safe Roads Yes bus tour prior to the election on May 5. Interview will highlight the need to fix Michigan's roads.

Contact: Mark McGlashen, Special Projects: 810-257-2815; Newsroom: 810-257-2800

RDS/DMurray: TAPED RADIO Interview with Ryan Hermes from Michigan Radio Network (no specific call numbers, plays on statewide affiliates)

Location: Governor's Conference Room

Market: Market: Michigan Radio Network affiliates statewide

Time: 3:20 – 3:30 p.m.

Purpose: Opportunity to highlight the successes in Michigan's reinvention during 2015.

Possible Topics:
- Energy update
- DPS/EAA
- Immunization waivers
- 2016 look-ahead
- Switch Data Center legislation
- Jobs/skilled trades
- Road Funding package
- Syrian Refugee Stance

Recent articles:
Data Centers get tax breaks after all-nighter from Michigan lawmakers (WEMU)
http://wemu.org/post/data-centers-get-tax-breaks-after-all-nighter-michigan-lawmakers
Gov. Snyder's decision on Syrian Refugees plays into what ISIS wants (Michigan Radio)

http://michiganradio.org/post/gov-snyders-decision-syrian-refugees-plays-what-isis-wants
Detroit: We won't move forward unless we learn to listen (WDET)
http://wdet.org/posts/2015/12/15/82113-detroit-we-wont-move-forward-unless-we-learn-to-listen/
Some parents of unvaccinated kids might be waiting for schools to force them to get waivers (Michigan Radio)
http://michiganradio.org/post/some-parents-unvaccinated-kids-might-be-waiting-schools-force-them-get-waivers#stream/0
Chickenpox vaccine debate: Amid Michigan outbreaks, State officials beg parents to keep children healthy (International Business Times)
http://www.ibtimes.com/chicken-pox-vaccine-debate-amid-michigan-outbreaks-state-officials-beg-parents-keep-2228051
Abate, then Switch: Las Vegas tech firm asks legislators to change Michigan tax law to benefit data center industry (Mi Biz)
http://mibiz.com/item/23115-abate,-then-switch-las-vegas-tech-firm-asks-legislators-to-change-michigan-tax-law-to-benefit-data-center-industry
State, General Motors agree to cap MEGA credits at mystery amount (MLive)
http://www.mlive.com/lansing-news/index.ssf/2015/12/state_and_gm_agree_to_cap_mega.html

Last interview: 11/4/15 re: To talk about passage of a long-term, sustainable and fiscally responsible roads solution.

Contact: Ryan Cell: [redacted]; Back-up/Office: 517-371-1766

RDS/JBrown: TAPED TV Interview with Andy Dominianni from News Ch. 3 - WWMT

Location: Governor's Office

Market: Market: West Michigan – www.wwmt.com

Time: 3:40 – 3:50 p.m.

Purpose: Opportunity to highlight the successes in Michigan's reinvention during 2015.

Possible Topics:

- Road Funding
- Syrian Refugees
- Terrorism Preparedness
- Detroit Renaissance
- Auto Industry
- Pure Michigan Campaign

Recent articles:
Michigan, GM agree to cap tax credits, won't specify amount (AP/WWMT)
http://www.wwmt.com/news/features/state/stories/Michigan-GM-agree-to-cap-tax-credits-won-39-t-specify-amount-242327.shtml#.VnGJjUorJhE
Petition to Gov. Snyder demands he welcome Syrian refugees (WWMT)
http://www.wwmt.com/news/features/state/stories/Petition-to-Gov-Snyder-demands-he-welcome-Syrian-refugees-234419.shtml#.VnGJrkorJhE

Wayne County: Accumulated $82 million deficit wiped out (WWMT)
http://www.wwmt.com/template/inews_wire/wires.regional.mi/2a64b3b0-www.wwmt.com.shtml#.VnGKjEorJhE
Several Detroit schools closed after teachers call in sick (WMMT)
http://www.wwmt.com/news/features/state/stories/Several-Detroit-schools-closed-after-teachers-call-in-sick-241008.shtml#.VnGJ1EorJhE
Lawmakers approve tax breaks for data centers in Mich. (WWMT)
http://www.wwmt.com/news/features/top-stories/stories/Lawmakers-approve-tax-breaks-for-data-centers-in-Mich-242664.shtml#.VnGKNkorJhE

Last interview: 5/1/15 re: Part of the Safe Roads Yes bus tour prior to the election on May 5. Interview will highlight the need to fix Michigan's roads (was with WWMT's Ryan Duffy).

Contact: Andy Cell: [redacted] Back-up (Missy Broderick, Assignment Editor): 269-388-4302; Newsroom: 269-388-4310

RDS/DMurray: TAPED TV Interview with Andrew Keller from TV 5 - WNEM

Location: Governor's Conference Room

Market: Market: Flint Metro / Saginaw / Online at WNEM.com

Time: 3:55 – 4:05 p.m.

Purpose: Opportunity to highlight the successes in Michigan's reinvention during 2015.

Possible Topics:

- Road Funding
- Syrian Refugees
- Terrorism Preparedness
- Detroit Renaissance
- Auto Industry
- Pure Michigan Campaign

Recent articles:
Snyder signs law letter school retirees return with pension (AP/WNEM)
http://www.wnem.com/story/30765916/snyder-signs-law-letting-school-retirees-return-with-pension
GM announces millions in investments in Mid-Michigan (WNEM)
http://www.wnem.com/story/30755192/gm-announces-millions-in-investments-in-mid-michigan
Flint mayor declares state of emergency over water crisis (WNEM)
http://www.wnem.com/story/30752206/flint-mayor-declares-state-of-emergency-over-water-crisis
Snyder speaks out against Trump on Muslim refugees (WNEM)
http://www.wnem.com/clip/12073105/snyder-speaks-out-against-trump-on-muslim-refugees
Skilled trades in high demand (WNEM)
http://www.wnem.com/story/30147309/skilled-trades-in-high-demand

Last interview: 4/39/15 re: Part of the Safe Roads Yes bus tour prior to the election on May 5. Interview will highlight the need to fix Michigan's roads (was with WNEM's Andrew Keller).

Contact: Andrew Cell: [redacted] Newsroom: 989-758-2044

RDS/JBrown: TAPED TV Interview with TBD WLNS from TV 6 - WLNS

Location: Governor's Office

Market: Market: Lansing/Jackson, and online at www.wlns.com

Time: 4:10 – 4:20 p.m.

Purpose: Opportunity to highlight the successes in Michigan's reinvention during 2015.

Possible Topics:

- Road Funding
- Syrian Refugees
- Terrorism Preparedness
- Detroit Renaissance
- Auto Industry
- Pure Michigan Campaign

Recent articles:

Snyder signs law letting school retirees return with pension (WLNS)
http://wlns.com/2015/12/16/snyder-signs-law-letting-school-retirees-return-with-pension/
Michigan, GM agree to cap tax credits, won't specify amount (WLNS)
http://wlns.com/2015/12/15/michigan-gm-agree-to-cap-tax-credits-wont-specify-amount/
Skubick: Options of using Rainy Day funds to bail out Detroit may be drying up (WLNS)
http://wlns.com/2015/12/02/skubick-options-of-using-rainy-day-funds-to-bail-out-detroit-may-be-drying-up/
Snyder: $12M in grants to pay for skilled trades training, creating jobs (WLNS)
http://wlns.com/2015/11/25/snyder-12m-in-grants-to-pay-for-skilled-trades-training-creating-jobs/
Mayor declares emergency in Flint; FEMA aids city residents in water crisis (WLNS)
http://wlns.com/2015/12/15/fema-aides-the-city-of-flint-in-water-crisis/

Last interview: 5/4/15 re: Part of the Safe Roads Yes bus tour prior to the election on May 5. Interview will highlight the need to fix Michigan's roads (was with WLNS' Nick Perreault).

Contact: Newsroom: 517-372-1300

From: Heaton, Anna (GOV)
Sent: Thursday, December 17, 2015 2:15 PM
To: LaHaie, Alyssa (GOV)
Cc: Brown, Jessica (GOV)
Subject: Article from 2013

Don't know if you have this one yet
http://www.mlive.com/news/flint/index.ssf/2013/03/flint_city_council_approves_re.html

Anna Heaton
Deputy Press Secretary |Gov. Rick Snyder
o: 517-241-6049|c[redacted]
@Republicanna

From: Eisner, Jennifer (DHHS)
Sent: Friday, December 18, 2015 4:43 PM
To: Holland, Meegan (GOV); Murray, David (GOV); Brown, Jessica (GOV)
Cc: Lasher, Geralyn (DHHS); Wheaton, Bob (DHHS); Minicuci, Angela (DHHS)
Subject: MDHHS Weekly Report

Upcoming Press Releases

- Monday, December 21 – Holiday safe sleep reminder
- Monday, December 21 – Michigan child welfare improvements
- Tuesday, December 22 – Public comment period for behavioral health waiver
- Tuesday, December 22 – SYNAR tobacco vendor press release
- TENTATIVE Tuesday, December 22 – Tahir Whitehead spends time with children in foster care program
- Wednesday, December 23 – Next Flint report on blood lead level testing will be posted
- Monday, December 28 – Michigan tobacco quitline reminder
- Week of January 1 – Autism coverage and Medicaid common formulary press release
- Week of January 1 – Birth defects prevention month

Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: [redacted]

From: Biehl, Laura (GOV)
Sent: Tuesday, December 22, 2015 4:05 PM
To: Holland, Meegan (GOV); Murray, David (GOV); Heaton, Anna (GOV); Paciorek, Josh (GOV); Brown, Jessica (GOV); Sachs, Tori (GOV); Kennedy, Jordan (GOV)
Cc: Agen, Jarrod (GOV)
Subject: Year-end interviews media coverage report
Attachments: YearEndInterviews_Coverage.xlsx

Hi team- Attached is the result of the year-end media interviews. Great coverage overall. Still a few outlets that didn't publish anything yet, but hopefully they will.

Also saving this in the comms shared drive under the media coverage folder.

Thanks!

Laura Biehl
Deputy Press Secretary
Executive Office of Michigan Gov. Rick Snyder
George W. Romney Building
111 S. Capitol Ave.
Lansing, MI 48933
Office: 517-335-6397
Cell: [redacted]
BiehlL@Michigan.gov

Gov. Rick Snyder
2015 Year-End Interviews and Resulting Coverage

	A	B	C	D	E
1	**Date**	**Outlet**	**Media type**	**Market**	**Coverage**
2	12/9/15	WTCM Radio	Radio	Northern MI	Good interview, doesn't post podcasts
3	12/9/15	WSJM Radio	Radio	SW MI	Good interview, doesn't post podcasts
4	12/9/15	WFNT Radio	Radio	Flint area	Gov. Snyder Speaks with WFNT about Flint, Refugees, Job Creation and More
5	12/9/15	WWJ-TV	TV	SE MI	'Michigan Matters' Goes One-On-One With Gov. Snyder: On Trump, The Economy, Flint's Water Woes And DPS
6	12/9/15	WWJ Radio	Radio	SE MI	Gov. Snyder On Muslims: Don't Lump Me With Donald Trump
7	12/9/15	WOMC Radio	Radio	SE MI	LIVE interview while visiting studio
8	12/9/15	97.1 The Ticket	Radio	SE MI	With Valenti and Foster, Gov. Rick Snyder Talks Roads, Michigan Football [VIDEO]
9	12/9/15	99.5 WYCD	Radio	SE MI	Taped interview that aired in parts during 12/9 drive home
10	12/9/15	Fox 2 Detroit	TV	SE MI	Gov. Snyder visits; Trump's anti-Muslim stance
11	12/9/15	Crain's Detroit Business	Print	SE MI	
12	12/14/15	WKQS Radio	Radio	UP/Marquette	Michigan Governor Rick Snyder Looks Back On 2015
13	12/14/15	WJR Frank Beckmann	Radio	SE MI	Interview with Frank Beckmann
14	12/14/15	WDET Stephen Henderson	Radio	SE MI	LIVE 20 minute interview, didn't post podcast
15	12/14/15	WDIV-TV	TV	SE MI	TAPED Interview with Guy Gordon
16	12/14/15	Freep	Print	Statewide	When did state know kids in Flint were lead poisoned?
17	12/14/15	Detroit News	Print	Statewide	Snyder rejects Trump's call for Muslim immigration ban
18					Gov. Snyder 'open' to ending EAA school reform
19					Bankruptcy could be option for ailing DPS
20	12/14/15	Macomb Daily/Oakland Press	Print	SE MI	Michigan Gov. Rick Snyder talks of his priorities for next year
21	12/14/15	DPTV	TV	SE MI	Governor Snyder on Flint Water Crisis and Detroit Public Schools
22	12/16/15	Michigan's Big Show	Radio	Statewide	Gov. Snyder chats with Michael Patrick Shiels about 2015 accomplishments
23	12/16/15	WKZO Radio	Radio	Kalamazoo	Gov. Snyder chats with Jay Morris about 2015 accomplishments
24	12/16/15	WBCK Radio	Radio	Battle Creek	Good interview, doesn't post podcasts
25	12/16/15	WXYZ w/ Chuck Stokes	TV	SE MI	Spotlight on the News: An end of the year Lansing conversation with Governor Rick Snyder
26	12/16/15	Associated Press w/ Eggert	Print	Statewide	Snyder: Data center tax breaks different from type he hates
27					Detroit, energy, paroles top Snyder's agenda
28	12/16/15	Michigan Public Radio Network	Radio	Statewide	Snyder: More Work to Be Done on Refugees
29					Snyder Scales Back Proposed Overhaul of Detroit Schools
30	12/16/15	WOOD-TV w/ Albin	TV	West MI	To The Point: Year in review with Gov. Snyder
31	12/16/15	MIRS	Print	Statewide	SUBSCRIPTION
32	12/16/15	Gongwer	Print	Statewide	SUBSCRIPTION
33	12/16/15	WILX-TV	TV	Lansing area	Governor Snyder Says Talks Are Productive on Refugees
34					Governor Rick Snyder: "We need to be louder and prouder..."
35	12/16/15	Mlive	Print	Statewide	
36	12/16/15	WKAR w/ Skubick	TV	Statewide	WATCH NOW: Evening with the Governor 2015
37					Snyders can look back and laugh now, but true story was 'scary'
38					Snyder Says He Won't Take Cabinet Position to Help Calley Win Election as Governor
39					Skubick: Pay no attention when rumors fly - Snyder is staying grounded in Michigan

Gov. Rick Snyder
2015 Year-End Interviews and Resulting Coverage

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1	**NOTES**
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5	Aired fully on Sunday Dec. 13
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7	Oldies station
8	Sports station
9	Country
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16	NANCY KAFFER COLUMN
17	Editorial board
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Gov. Rick Snyder
2015 Year-End Interviews and Resulting Coverage

	A	B	C	D	E
40	12/17/15	WJR w/ Paul W. Smith	Radio	SE MI	https://audioboom.com/boos/3964929-paul-w-smith-talks-to-governor-rick-snyde-r-12-17-15?t=0
41	12/17/15	WOOD Radio w/ Albin	Radio	West MI	Good interview, doesn't post podcasts
42	12/17/15	MI Biz	Print	West MI	Snyder to examine fiscal impact of data center legislation
43					The year ahead in state policy: Energy, marijuana, taxes and ballot initiatives
44	12/17/15	9&10 News	TV	Northern MI	Governor Snyder Reflects On Year Of Change As 2015 Comes To End
45					Governor Snyder Calls 2015 a Successful Year for Michigan
46	12/17/15	ABC 12 WJRT	TV	Flint/Saginaw	Didn't post on their site
47	12/17/15	Michigan Radio Network	Radio	Statewide	doesn't post podcasts, goes to stations all across the state
48	12/17/15	WWMT	TV	Grand Rapids/Kzoo	Governor Snyder talks about the successes and failures of 2015 in Michigan
49	12/17/15	WNEM	TV	Flint/Saginaw	Governor sits down in a one-on-one interview with TV5, answers tough questions
50	12/17/15	WLNS	TV	Lansing area	Gov. Snyder on Michigan: “The forecast for our future is good”
51	12/18/15	WZZM	TV	West MI	Year-end review: Snyder not committed to Switch bills
52	12/18/15	TV 7&4	TV	Northern MI	Gov. Snyder: "Plenty to be done."
53	12/18/15	NBC 25	TV	Great Lakes Bay	CANCELLED
54	12/18/15	Michigan Business Beat	Radio	Statewide	CANCELLED
55	12/18/15	LSJ Editorial Board	Print	Lansing area	CANCELLED

From: Holland, Meegan (GOV)
Sent: Tuesday, December 29, 2015 1:58 PM
To: Murray, David (GOV); Brown, Jessica (GOV)
Subject: statement

Gov. Rick Snyder is releasing this statement on the Flint water situation:

When I became aware that the city of Flint's water showed elevated lead levels and that the state's handling of the situation was being questioned, I requested funding to switch the source back to the Great Lakes Water Authority and appointed an independent task force to identify possible missteps and areas for improvement.

The task force has done an exceptional job, reviewing stacks of documents and interviewing scores of Flint, Genesee County, state and federal officials.

Although the task force's final report is not yet completed, it has made me aware of some interim findings and corrective steps that I have decided to take immediately in order to restore trust in how the state keeps its citizens safe and informed.

We'll continue to work with the community members to make sure we hear and respond to their concerns.

In addition, MDEQ Director Dan Wyant has offered his resignation, and I've determined that it's appropriate to accept it. I'm also making other personnel changes at MDEQ to address problems cited by the task force.

But changes in leadership and staff are not enough. I understand there can be disagreements within the scientific community. That is why I have directed both the departments of Environmental Quality and Health and Human Services to invite every external scientist who has worked on this issue to be our partners in helping us improve Flint water. Let's share research on water and blood lead level testing so we can arrive at accurate and mutually supported conclusions. Together, we should work to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're taking steps to protect their health over the short and long term.

I want the Flint community to know how very sorry I am that this has happened. And I want all Michigan citizens to know that we will learn from this experience, because Flint is not the only city that has an aging infrastructure.

I know many Flint citizens are angry and want more than an apology. That's why I'm taking the actions today to ensure a culture of openness and trust. We've already allocated $10 million to test the water, distribute water filters, and help in other ways. Last week, I called Flint Mayor Karen Weaver, and we're going to meet soon to discuss other ways the state can offer assistance.

These are only initial steps - we fully expect to take more actions following the recommendations of our task force. When it comes to matters of health and quality of life, we're committed to doing everything we can to protect the well-being of our citizens.

From: Biehl, Laura (GOV)
Sent: Tuesday, December 29, 2015 2:15 PM
To: Holland, Meegan (GOV); Murray, David (GOV); Heaton, Anna (GOV); Brown, Jessica (GOV)
Subject: FINAL Flint statement
Attachments: PR.151229.FlintStatementApology.docx

Importance: High

I will set it up to issue at 2:45 p.m.

Laura Biehl
Deputy Press Secretary
Executive Office of Michigan Gov. Rick Snyder
George W. Romney Building
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Lansing, MI 48933
Office: 517-335-6397
Cell: [redacted]
BiehlL@Michigan.gov

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

RICK SNYDER
GOVERNOR

BRIAN CALLEY
LT. GOVERNOR

CONTACTS:	FOR IMMEDIATE RELEASE
Dave Murray, Laura Biehl or Anna Heaton 517-335-6397	Tuesday, Dec. 29, 2015

Gov. Rick Snyder takes action on initial findings from Flint Water Task Force

Changes to take place at DEQ, meeting planned with Mayor Karen Weaver

In response to initial findings from the Flint Water Task Force, Gov. Rick Snyder today issued the following statement:

"When I became aware that the city of Flint's water showed elevated lead levels and that the state's handling of the situation was being questioned, I requested funding to switch the source back to the Great Lakes Water Authority and appointed an independent task force to identify possible missteps and areas for improvement.

"The task force has done an exceptional job, reviewing stacks of documents and interviewing scores of Flint, Genesee County, state and federal officials. Although the task force's final report is not yet completed, members have made me aware of some interim findings and corrective steps that I have decided to take immediately in order to restore trust in how the state keeps its citizens safe and informed.

"We'll continue to work with the community members to make sure we hear and respond to their concerns.

"In addition, MDEQ Director Dan Wyant has offered his resignation, and I've determined that it's appropriate to accept it. I'm also making other personnel changes at MDEQ to address problems cited by the task force.

"But changes in leadership and staff are not enough. I understand there can be disagreements within the scientific community. That is why I have directed both the departments of Environmental Quality and Health and Human Services to invite every external scientist who has worked on this issue to be our partners in helping us improve Flint water. Let's share research on water and blood lead level testing so we can arrive at accurate and mutually supported conclusions. Together, we should work to affirm that we're using the very best testing protocols to ensure Flint residents have safe drinking water and that we're taking steps to protect their health over the short and long term.

"I want the Flint community to know how very sorry I am that this has happened. And I want all Michigan citizens to know that we will learn from this experience, because Flint is not the only city that has an aging infrastructure.

“I know many Flint citizens are angry and want more than an apology. That’s why I’m taking the actions today to ensure a culture of openness and trust. We’ve already allocated $10 million to test the water, distribute water filters, and help in other ways. Last week, I called Flint Mayor Karen Weaver, and we’re going to meet soon to discuss other ways the state can offer assistance.

“These are only initial steps - we fully expect to take more actions following the recommendations of our task force. When it comes to matters of health and quality of life, we’re committed to doing everything we can to protect the well-being of our citizens.”

# # #

From: Biehl, Laura (GOV)
Sent: Tuesday, December 29, 2015 5:08 PM
To: Kennedy, Jordan (GOV); Brown, Jessica (GOV)
Subject: Newsroom

Hi ladies- I'm out tomorrow so I got a head start on Gov's activities in hopes to make it easier. I'm sure they'll be more than this. Shouldn't be anything for the LG.

GOV's ACTIVITIES

Flint water
Snyder apologizes, Wyant resigns in Flint water crisis (Freep)
Gov. Rick Snyder apologized to the City of Flint Tuesday for the Flint drinking water crisis that has left children poisoned by lead and announced he has accepted to resignation of Michigan Department of Environmental Quality Director Dan Wyant.

Michigan Regulator Resigns Amid Flint's Lead-in-Water Crisis (AP)
Michigan's top environmental regulator resigned Tuesday in the wake of Flint's drinking water crisis, which began when the city switched its supply but was not required to immediately keep corrosive river water from leaching lead from service pipes into residents' homes.

DEQ director Wyant resigns due to Flint water crisis (Detroit News)
Michigan's environment director resigned Tuesday after an independent committee delivered its findings on the Flint water contamination crisis to Gov. Rick Snyder.

Gov. Rick Snyder says he's sorry for Flint's lead-in-water crisis (Mlive)
Gov. Rick Snyder has issued a statement saying he's sorry for Flint's water crisis. "I want the Flint community to know how very sorry I am that this happened," said Snyder in an email. "And I want all Michigan citizens to know that we will learn from this experience, because Flint is not the only city that has an aging infrastructure."

Director Dan Wyant resigns after task force blasts MDEQ over Flint water crisis (Mlive)
Gov. Rick Snyder on Tuesday accepted a resignation from Michigan Department of Environmental Quality Director Dan Wyant after a task force laid responsibility for the Flint water crisis at the feet of the department.

Flint water crisis prompts DEQ resignation, personnel changes (Metro Times)
Today, the Detroit Free Press reports that Michigan Department of Environmental Quality Director Dan Wyant has offered his resignation in the wake of the crisis. The resignation was announced by Gov. Rick Snyder in a news release.

Snyder issues statement about Flint water (ABC 10 UP)
Governor Rick Snyder issued a statement regarding the initial findings from the Flint Water Task Force. Based on those findings, Snyder stated that he has requested funding to switch Flint's water source back to the Great Lakes Water Authority. In addition, the Department of Environmental Quality director Dan Wyant has offered his resignation, which Snyder has accepted. Snyder plans to make other personnel changes as well.

Laura Biehl

Deputy Press Secretary
Executive Office of Michigan Gov. Rick Snyder
George W. Romney Building
111 S. Capitol Ave.
Lansing, MI 48933
Office: 517-335-6397
Cell: [redacted]
BiehlL@Michigan.gov

From: Paciorek, Josh (GOV)
Sent: Monday, January 04, 2016 8:56 AM
To: Brown, Jessica (GOV); Kennedy, Jordan (GOV)
Subject: Opinion clips

OPINION

Milliken: Seek alternatives to Straits pipeline quickly (Detroit Free Press)
Michigan is called the Great Lakes State for a reason. The Great Lakes surround us, they nourish us, and they define us as Michiganders. We therefore have special responsibilities as stewards of these lakes.

Editorial: Snyder should veto campaign finance bill (Detroit News)
We get it. Republican lawmakers want to limit future tax hikes and ease the burden on taxpayers. That's not a bad goal. But an amendment that got added at the last minute to a fairly innocuous campaign finance bill went too far in tying the hands of school districts and local government that want to raise money for various projects.

Jacques: LGBT proposal likely to flop (Detroit News)
Michigan's best chance of adding protections against discrimination for gays and lesbians got shot down a year ago.

Editorial: EPA needs oversight (Detroit News)
Anyone who keeps up with the Environmental Protection Agency's Twitter account won't be surprised to know the agency has been accused of violating several laws by lobbying and organizing grassroots support for proposed environmental regulations.

Susan J. Demas: The Flint water crisis will cause pain for decades to come (Detroit News)
The Flint water crisis is one of those stories that seems too terrible to be true.

From: Biehl, Laura (GOV)
Sent: Monday, January 04, 2016 12:24 PM
To: Holland, Meegan (GOV); Murray, David (GOV); Heaton, Anna (GOV); Brown, Jessica (GOV); Paciorek, Josh (GOV); Kennedy, Jordan (GOV)
Subject: Year-end interviews media coverage
Attachments: 2015-YearEndInterviews_Coverage.xlsx

Team: Attached is the spreadsheet I handed out last week showing the coverage that resulted from his year-end interviews. All looks very positive, everyone ran something.

I think this will be a good document to show the governor at the next comms meeting.

Jess is also finalizing the 2015 media coverage report which we can share an overview of with the Gov at the next meeting too if you want.

I'm also saving this in the shared drive under media coverage.

Thanks!

Laura Biehl
Deputy Press Secretary
Executive Office of Michigan Gov. Rick Snyder
George W. Romney Building
111 S. Capitol Ave.
Lansing, MI 48933
Office: 517-335-6397
Cell: [redacted]
BiehlL@Michigan.gov

Gov. Rick Snyder
2015 Year-End Interviews and Resulting Coverage

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1	**Date**	**Outlet**	**Media type**	**Market**	**Coverage**
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11	12/9/15	Crain's Detroit Business	Print	SE MI	DPS reform, energy, medical pot: Legislative issues to watch in 2016 (Crain's Detroit Business)
12	12/14/15	WKQS Radio	Radio	UP/Marquette	Michigan Governor Rick Snyder Looks Back On 2015
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34	12/16/15	WILX-TV	TV	Lansing area	Governor Snyder Says Talks Are Productive on Refugees
35					Governor Rick Snyder: "We need to be louder and prouder..."
36	12/16/15	Mlive	Print	Statewide	Michigan criminal justice reforms, shelved in 2015, are on the radar for first half of next year
37					Michigan Gov. Rick Snyder, legislative leaders name top accomplishments of 2015
38					Michigan Gov. Rick Snyder, legislative leaders describe top priorities for 2016
39					Michigan Gov. Rick Snyder, legislative leaders name biggest disappointments of 2015
40	12/16/15	WKAR w/ Skubick	TV	Statewide	WATCH NOW: Evening with the Governor 2015
41					Snyders can look back and laugh now, but true story was 'scary'

Gov. Rick Snyder
2015 Year-End Interviews and Resulting Coverage

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1	**NOTES**
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5	Aired fully on Sunday Dec. 13
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8	Sports station
9	Country
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16	NANCY KAFFER COLUMN
17	Editorial board
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Gov. Rick Snyder
2015 Year-End Interviews and Resulting Coverage

	A	B	C	D	E
42					Snyder Says He Won't Take Cabinet Position to Help Calley Win Election as Governor
43					Skubick: Pay no attention when rumors fly - Snyder is staying grounded in Michigan
44	12/17/15	WJR w/ Paul W. Smith	Radio	SE MI	https://audioboom.com/boos/3964929-paul-w-smith-talks-to-governor-rick-snyde-r-12-17-15?t=0
45	12/17/15	WOOD Radio w/ Albin	Radio	West MI	Good interview, doesn't post podcasts
46	12/17/15	MI Biz	Print	West MI	Snyder to examine fiscal impact of data center legislation
47					The year ahead in state policy: Energy, marijuana, taxes and ballot initiatives
48	12/17/15	9&10 News	TV	Northern MI	Governor Snyder Reflects On Year Of Change As 2015 Comes To End
49					Governor Snyder Calls 2015 a Successful Year for Michigan
50	12/17/15	ABC 12 WJRT	TV	Flint/Saginaw	Didn't post on their site
51	12/17/15	Michigan Radio Network	Radio	Statewide	doesn't post podcasts, goes to stations all across the state
52	12/17/15	WWMT	TV	Grand Rapids/Kzoo	Governor Snyder talks about the successes and failures of 2015 in Michigan
53	12/17/15	WNEM	TV	Flint/Saginaw	Governor sits down in a one-on-one interview with TV5, answers tough questions
54	12/17/15	WLNS	TV	Lansing area	Gov. Snyder on Michigan: “The forecast for our future is good”
55	12/18/15	WZZM	TV	West MI	Year-end review: Snyder not committed to Switch bills
56	12/18/15	TV 7&4	TV	Northern MI	Gov. Snyder: "Plenty to be done."
57	12/18/15	NBC 25	TV	Great Lakes Bay	CANCELLED
58	12/18/15	Michigan Business Beat	Radio	Statewide	CANCELLED
59	12/18/15	LSJ Editorial Board	Print	Lansing area	CANCELLED

From: MSP_Public_Affairs
Sent: Tuesday, January 05, 2016 9:31 AM
Subject: NEWS HEADLINES--Tuesday, January 5, 2016

Gov. Snyder must decide whether to declare disaster in Flint water crisis
Ron Fonger
MLive
1.4.16

FLINT, MI -- Last week, Gov. Rick Snyder said he was sorry for Flint's lead in water crisis.

Now, he must decide whether the situation amounts to a man-made disaster, created while the city was being run by emergency managers that he appointed.

Genesee County Board of Commissioners Chairman Jamie Curtis endorsed Flint Mayor Karen Weaver's request for a federal disaster declaration today, Jan. 4. The application was described by officials as a work in progress and includes a request for more than $50 million.

Among the specifics of the request: an estimated $45 million for the replacement of about 15,000 lead water service lines, $6.2 million to expedite upgrades in the city's water system to prepare it for treating and distributing water from the Karegnondi Water Authority and an unspecified amount to lessen the health effects of elevated lead levels in water.

"Its a victory, and it's a step in the right direction," said Weaver, who plans to meet with Snyder to discuss the declaration Thursday, Jan. 7. "I am not going to give up until this is done."

A spokesman for Snyder said in an email statement today that the Michigan State Police's Emergency Management and Homeland Security Division has already begun working with county emergency management officials "to gather information about the resources needed for a governor's declaration."

"The health and welfare of Flint residents is a top priority, and we're committed to working closely with Mayor Weaver and the Genesee County Commission on a coordinated response to health and infrastructure issues," the statement says.

"The state police have been closely engaged in the situation since the beginning, meeting with both county and city leaders to guide them through state and federal laws regarding the emergency management process," the statement from Dave Murray, Snyder's press secretary, says. "Due to the uniqueness of this situation, we have to look at all possible options to help Flint residents."

The statement says prior to a formal declaration, the state is "recognizing this as an emergency and are working with city and county leaders to coordinate efforts, streamline communication and tap all available resources at the state's control."

Weaver declared that Flint had suffered a man-made disaster because of lead in water last month, the first step in requesting state and federal assistance.

The resolution signed by Curtis says, in part, that Flint residents were exposed to toxic levels of lead "due to utilizing the Flint River as a primary source of water without proper corrosion control treatment."

"We're not going to be ignored," Curtis said after declaring the county is in a state of emergency. "We're going to get the help that these people need."

That effort will be a part of the discussion between Weaver and Snyder on Thursday, a week after the governor said for the first time that he was "very sorry" for Flint's water crisis.

The decision to use the Flint River as the city's water source came as the city was being run by four separate emergency managers appointed by Snyder and after the state failed to require the city to treat Flint River water to make it less corrosive.

As a result, Weaver and other city officials have said, the corrosive river water damaged Flint's aging water distribution system while it was used from April 2014 until October 2015.

Corrosive water also caused lead to leach from pipes and fixtures, and the number of children with elevated blood lead levels in the city more than doubled while the river was in use, according to a Flint pediatrician's study released in September.

"We have damage to our people and our pipes," said Dr. Mona Hanna-Attisha, whose study of blood lead levels in Flint children showed the spike in lead children affected by elevated blood lead levels. "The damage exceeds the capacity for our city and possibly our state" to contend with ...

"This is a catastrophe ... (like) the floods that just happened in Missouri," Hanna-Attisha told the commissioners today. "Our whole community has been traumatized."

Several Flint residents at today's commission meeting thanked county officials for helping Weaver seek state and federal funds.

"I just want to say thank-you for stepping up for us ... the poisoned families that have been struggling with this for so long," said Melissa Mays, a Flint mother who helped start Water You Fighting For, a grass roots group that campaigned to end the city's use of the Flint River.

Curtis credited county Sheriff Robert Pickell for his work with the city in preparing the request for an emergency disaster declaration, and the sheriff said the county's emergency operations center will be activated as a result of the county's declaration.

In Michigan, all requests for assistance are channeled through the Michigan State Police, Emergency Management and Homeland Security Division. The MSP reviews requests and makes recommendations to the governor, state officials have said.

The governor has the authority to mobilize state agencies to provide assistance, and if the state cannot cope with the disaster, Snyder could request assistance through the Federal Emergency Management Agency, state officials have said.

FEMA makes disaster recommendations to the president.

http://www.mlive.com/news/flint/index.ssf/2016/01/governor_must_decide_if_flint.html

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Some Detroit officers don't like city's time clock plan
Detroit Free Press (Associated Press)
1.5.16

Some Detroit police officers don't like a plan to require them to punch time clocks at the beginning and end of their shifts.

The Detroit News reports it's part of efforts to improve what officials say was an antiquated payroll system.

At the recommendation of auditing firm Ernst & Young during the city's bankruptcy, time clocks have been installed in most city buildings. The proposed policy for police is expected to kick off in March.

Some other U.S. cities use time clocks for police. Critics say the plan isn't feasible, in part since some officers don't work set shifts and are often called to crime scenes from home.

Detroit human resources director Denise Starr says details of how the time clock system would work for officers are being finalized.

http://www.freep.com/story/news/local/michigan/detroit/2016/01/05/detroit-police-officers-time-clocks/78295438/

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Michigan's Capitol buzzed by drone
Chad Livengood
Detroit News
1.4.16

Lansing — The restricted airspace around the State Capitol was buzzed Monday morning by a small drone surveying the statehouse's recently renovated exterior.

Bloomfield Hills-based DroneView Technologies was given permission by the Michigan State Police and the Michigan State Capitol Commission to fly a quadracopter drone around the Capitol grounds and photograph the building.

The aerial images of the freshly polished dome will give state officials a snapshot with which to compare exterior coloration for years to come, said Robert Blackshaw, director of facility operations at the Capitol.

"It's kind of benchmark now that we've completed the exterior work, we want to document it," said Gary Randall, chairman of the Michigan State Capitol Commission.

DroneView Technologies was contracted to photograph the Capitol by The Christman Co., the Lansing-based construction firm that led last summer's $6.5 million exterior restoration.

The Capitol was wreathed in construction scaffolding last summer and fall as crews repointed mortar joints in the building's stone block walls, gave the dome two fresh coats of paint and replaced thousands of leafs, balls, swirls and other architectural details. It was the largest renovation project of Michigan's statehouse since 1992.

http://www.detroitnews.com/story/news/politics/michigan/2016/01/04/michigan-capitol-drone/78272354/

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Police ask citizens to report unusual activity
Sault Ste. Marie Evening News
1.4.16

With the country seemingly in a heightened state of alert, Michigan State Police are reminding local residents that they can play a critical role with the newly unveiled "If you see something, say something" campaign.

"Homeland security starts with hometown security and our citizens know their neighborhoods, schools and work places better than anyone," said F/Lt. Joe Shier of the St. Ignace Post. "If something appears suspicious or out of place, don't hesitate to report it to law enforcement."

Shier and company are urging the use of 911 in the event of an emergency, but were advocating a different avenue in the event of non-emergency suspicious activity. The Michigan Intelligence Operations Center can be reached by phone at 1-855-MICH-TIP (1-855-642-4847) or via the Internet at www.michigan.gov/michtip.

The press release encouraging residents to assist with this law enforcement effort included a number of activities that could fall under the suspicious banner including:

• An unattended object or one that appears to be out of place, especially in a crowded or public area;
• Individuals exhibiting strange or abnormal behaviors;
• A strong odor coming from a building or vehicle;
• Someone entering or exiting blocked or unauthorized areas;
• Individuals who quickly leave when seen or approached;
• Someone tampering or interfering with surveillance cameras;
• An overloaded vehicle or one that seems out of place;
• Someone taking photos, videos or drawings of high-profile or highly-populated buildings or structures, including bridges;
• And exposed wiring or other abnormalities.

While terrorism appears to be the main focus of this Michigan State Police reminder, it would seem that these investigations could also lead to other criminal activity. For example, people in unauthorized areas, may be engaged in breaking and entering activities, while unusually strong odors from vehicles and buildings could be related to methamphetamine laboratories or other illegal drugs.

Michigan State Police have produced a video explaining the seven signs of terrorism — surveillance, elicitation, tests of security, acquiring supplies, suspicious persons out of place, dry/ trial run and deploying assets — in an effort to educate the public.

The Seven Signs of terrorism can be viewed at www.youtube.com/michstatepolice.

http://www.sooeveningnews.com/article/20160104/NEWS/160109776

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Grand Rapids 2015 homicides
MLive
1.5.16
http://www.mlive.com/news/grand-rapids/index.ssf/2016/01/grand_rapids_homicides_10_peop.html#0

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Midland police say biggest problem on roads last year was drunken driving
WJRT TV 12

1.4.16

MIDLAND (WJRT) - (01/04/16) - Midland police say the biggest problem out on the roads in the city this past year was drunken driving.

The city saw drunken driving arrests jump almost 30 percent in 2015.

The police department tells us it has teamed up with businesses and increased enforcement to lower the number of drunken drivers on the road.

http://www.abc12.com/home/headlines/Midland-police-say-biggest-problem-on-roads-last-year-was-drunken-driving-364154291.html

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Police, medics use college to train for 'active shooter' situation
Petoskey News
1.5.16

PETOSKEY — It's training they hope they'll never have to use, but they want to be ready should the need ever arise.

Dozens of police officers along with area ambulance crew members spent several hours throughout the day Monday training for an "active shooter" situation at the Jack and Dorothy Harris Health Education and Science Center building on the North Central Michigan College campus.

Led by the Petoskey Department of Public Safety, officers from the Emmet and Charlevoix county sheriff's offices, Michigan State Police, Harbor Springs Police Department, Boyne City Police Department and the Little Traverse Bay Bands of Odawa Indians Police Department along with medics from Emmet County Ambulance spent three-sessions working practicing techniques they would use in a mass-shooting situation.

Petoskey Department of Public Safety officer Larry Donovan said part of the training was for officers to practice how to deal with the threat (the gunman or gunmen) and the other part of the training is working on rescuing and providing care to victims in the building where the incident is happening.

"The effectiveness of the response will be measured by the ability of law enforcement to eliminate the threat to human life as quickly as possible and facilitate rapid access to the victims by EMS," a description of the training reads.

Organizers noted that the primary mission of the training is to preserve life by stopping additional people from be injured or killed and to deliver victims to care as quickly as possible.

Donovan noted that its important for people working in the two disciplines emergency medical care and police work—practice working together in high risk, high stress situations such as those practiced Monday.

College president Cameron Brunet-Koch noted that Monday was not the first time that police have used the college's facilities to practice for a mass shooting incident, but its the first time they've used the health education and science building.

"The more that they (emergency crews) are familiar with our campus, the better," she said.

She noted that they chose a time when classes were not in session to avoid disrupting normal campus operations with the exercise.

Brunet-Koch said she recently contacted Petoskey Department of Public Safety Director John Calabrese about having another practice at the college during the semester break, noting that there is a benefit for both the emergency crews and the college.

"Given what's happening in today's world, if the college can provide a training opportunity to the police, we are both the better for it," Brunet-Koch said. "The Petoskey Department of Public Safety has been a great partner in helping to maintain the safety and security on our campus."

http://www.petoskeynews.com/featured-pnr/police-medics-use-college-to-train-for-active-shooter-situation/article_f050c916-a35d-5186-8b8f-a231e71a140f.html

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Police conduct sex offender sweep in Port Huron
Port Huron Times Herald
1.4.16

The Port Huron Police Department conducted a sex offender sweep in the city Wednesday, checking 120 registered offenders for compliance.

State law requires sex offenders to register their address with law enforcement, according to a statement from the Port Huron Police Department released Monday. Depending on the level of their conviction, offenders must verify their address with law enforcement at least annually, and up to four times per year.

During the sweep, 113 offenders were found in compliance, while seven were not compliant, with two having additional warrants out for their arrest, according to the statement.

Those not compliant face a four-year felony.

There are 274 registered sex offenders living in the city.

Michigan State Police troopers assisted in the sweep.

http://www.thetimesherald.com/story/news/2016/01/04/police-conduct-sex-offender-sweep-port-huron/78279970/

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3 things Obama's plan will do on guns and 3 things it won't
Paul Singer
USA TODAY
1.5.16

If Americans were waiting for President Obama to use his executive authority to totally shut the "gun show loophole" or ban assault weapons, they may be disappointed by the initiative the White House unveiled Monday. The White House instead rolled out a batch of narrowly tailored administrative actions that may have more to do with lawyers than guns.

Here are three things that are in the package (according to the White House fact sheet):

• Hiring more people to run the FBI background check system, so the government can be "processing background checks 24 hours a day, 7 days a week."

• Requesting from Congress an additional $500 million to increase access to mental health care.

• Clarifying that people selling guns over the Internet can still be required to conduct background checks on buyers if they are "engaged in the business" of selling guns, not just a hobbyist.

And here's the stuff discussed in the days before the announcement that is NOT in the package:

• A requirement that every gun sale in the country is proceeded by a criminal background check.

• A ban on gun sales to people on terrorist "no-fly" lists.

• A ban on large capacity magazines that hold a lot of bullets.

The reason for the difference is that the administration does not believe it has authority under existing laws to do the bigger stuff. So they are using administrative actions to squeeze the stuff out of the corners of existing laws.

Here are the details of the initiative from the White House.

http://www.freep.com/story/onpolitics/2016/01/05/obama-guns-proposals-sales-nra-ryan/78282918/

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From: Wurfel, Brad (DEQ)
Sent: Monday, November 30, 2015 1:16 PM
To: Brown, Jessica (GOV); Murray, David (GOV)
Subject: FW: Eisenhower
Attachments: EisenhowerElementary_Report.pdf

Here's the final version of the Eisenhower report.
With little deviation, the pattern we're seeing emerge now that we've tested 8 schools is that old faucets and drinking fountain bubblers (which should have been replaced in the 80s) are the source of any lead we are finding in the schools testing.
This is worth noting because it's entirely likely that may of the old homes in Flint – and, for that matter, elsewhere in the state – are probably in similar situation to the schools.
The conversation thus far has been focused on lead service lines, but another considerable transmission source is old faucets, or copper plumbing with the 50-50 lead solder that was once common.
We're inclined to post the most recent report on the heels of the DHHS data announcement, as it seems a natural follow to that news. If the DHHS data is planned for later than Wednesday, we could put it out by itself. Like I said, we're testing a couple schools every weekend these days, so we'll have more after this announcement and the findings are all following the same pattern.
b

From: Krisztian, George (DEQ)
Sent: Monday, November 30, 2015 1:09 PM
To: Tommasulo, Karen (DEQ); Wurfel, Brad (DEQ); Shaw, Eric (DEQ)
Subject: RE: Eisenhower

Attached is the final version of the Eisenhower report.

George L. Krisztian
Flint Action Plan Coordinator
Laboratory Director
Michigan Department of Environmental Quality
Desk ph (517) 284-6719
Cell ph [redacted]

From: Tommasulo, Karen (DEQ)
Sent: Monday, November 30, 2015 11:55 AM
To: Wurfel, Brad (DEQ); Shaw, Eric (DEQ); Krisztian, George (DEQ)
Subject: Eisenhower

This is the latest I have for the Eisenhower data. George, do you know of a more updated version?

Karen Tommasulo
Public Information Officer

Michigan Department of Environmental Quality
[redacted]
tommasulok@michigan.gov

EISENHOWER ELEMENTARY SCHOOL

Outlet Sampling and Plumbing Assessment Recommendations

1235 Pershing Street, Flint, Michigan 48503

BACKGROUND INFORMATION

On Friday, October 30, 2015, the Department of Licensing and Regulatory Affairs (DLARA) and the Department of Environmental Quality (DEQ) conducted an assessment of Eisenhower Elementary School's plumbing system to gain a comprehensive understanding of how water moves through the building and what types of plumbing materials are used. Two outlet buildings in addition to the main school building were included in the assessment. The assessment identified the following potential sources of lead leaching into drinking water:

- Lead solder joints on copper piping
- Brass valves and brass fittings
- Brass components in fixtures
- Galvanized piping

The assessment also identified 43 faucets or fountains that provide water for drinking, cooking, and/or food preparation, 37 faucets/fountains in the main school building, four faucets/fountains in out building unit 1, and two faucets/fountains in out building unit 2. The team developed a sequence for sampling the faucets/fountains in each building based on how the water travels through each building.

On Saturday, October 31, 2015, the DEQ and the DLARA completed sampling of the 37 faucets/fountains in the main school building, the four faucets/fountains in out building unit 1, and the two faucets/fountains in out building unit 2, each in the order determined by the plumbing assessment from the previous day, following a stagnation period of over 12 hours. At each of the 43 faucets/fountains identified, staff collected four samples. Two initial, 125-milliliter samples (P1 and P2), were collected immediately after turning on the tap. The water was then flushed for 30 seconds and a third, 125-milliliter sample (F01) was collected. Finally, the water was flushed for another two minutes, and the fourth 125-milliliter sample (F02) was collected. These samples were used to determine the impact of any lead sources in and around each specific faucet/fountain and its connecting plumbing.

The DEQ and the DLARA then completed consecutive sampling at three of the 37 faucets/fountains in the main school building, one of the four faucets/fountains in out building unit 1, and one of the two faucets/fountains in out building unit 2, five sites in total. This consecutive sampling was used to determine the impact of any lead sources located deep in the supply plumbing at each of these buildings. The three sites in the main school building included one site near the building service line, one site near the plumbing mid-point, and one site at the far end of the plumbing system. At each of these five sites, staff collected 10, 1-liter samples. The 10 samples were collected immediately after turning on the tap, and consecutively, without any flushing time in between.

WATER SERVICE INFORMATION

A four-inch diameter cast iron water service line enters the main school building in the boiler room northwest wall located in the west corner of the building. Piping in the boiler room immediately transitions into galvanized metal piping for cold water lines. Three separate galvanized cold water supply lines exit the boiler room. One in the north corner serves a single hose bib directly outside the boiler room. A second line exits the southeast wall and serves the adjacent janitors closet and dressing room bathrooms. The third line exits the boiler room on the northeast side through a utility tunnel that runs below the school hallways and serves all rooms in the main school building. This supply line then runs between the first and second floors on the southeast end of

the building. Copper piping with lead solder joints branches off of the galvanized supply line for cold water supply to each room. Hot water is distributed in continuous loops that feed from and return to a central water heater in the boiler room. Hot water piping material, where exposed, was copper piping with lead solder joints. Brass valves were seen throughout the building.

Out building unit 1 has a separate customer service line from the City water main constructed using copper piping material. The service line comes out of the ground beneath the building and within the building is copper pipe with lead free solder joints.

Out building unit 2 has a separate customer service line from the City water main constructed using copper piping material. The service line comes out of the ground beneath the building and within the building is copper pipe with lead free solder joints.

Outlets With Lead Levels Greater Than 15 Parts per Billion

The DEQ recommends school facilities take action if samples from any drinking water outlets show lead levels greater than 15 parts per billion. Based on the sampling conducted at 43 faucets/fountains on October 31, 2015, the following 18 drinking water outlets had lead water level results greater than 15 parts per billion. Each of these 18 outlets is listed below with its sample results, including a description of the potential source(s) of lead, and recommended actions for the school to take.

Outlet: Bubbler Drinking Fountain (01DW001)

Location: West corner, Gymnasium Multipurpose Room
Results: P1=32 parts per billion, P2=6 parts per billion
F01=5 parts per billion, F02=3 parts per billion

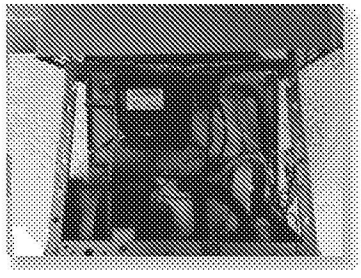
These results suggest the highest contribution of lead may be from the bubbler itself. This bubbler fixture is made of chrome plated brass and is believed to have a brass valve. The connection piping with the unit may also contain some brass components.

Replacement of this bubbler tap and its connection plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for 3 minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Water Cooler Fountain (01WC002)

Location: Hallway between Gym and Auditorium, northeast side
Results: P1=17 parts per billion, P2=17 parts per billion
F01=12 parts per billion, F02=3 parts per billion

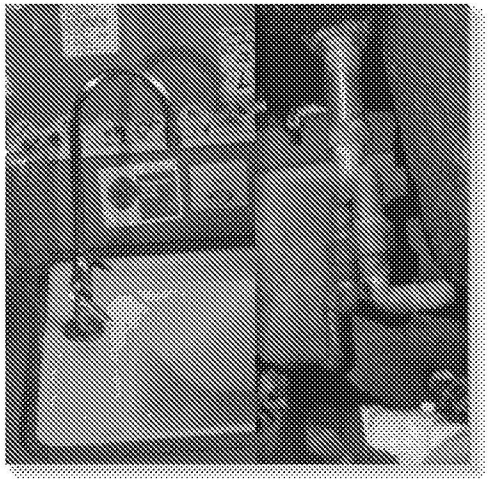
These results suggest the highest contribution of lead may be from the water cooler unit. The water cooler is an Elkay model LKEZFS8. This model contains some brass components. Connecting plumbing to the cooler unit may also contain brass components.



Replacement of the entire unit is recommended and will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for 3 minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Sink Faucet (01CF004)

Location: Classroom 109, northwest wall
Results: P1=17 parts per billion, P2=10 parts per billion
F01=1 part per billion, F02=2 parts per billion

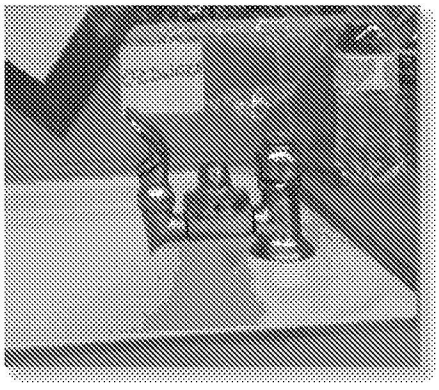


These results suggest the highest contribution of lead may be from the faucet and its connecting plumbing. The base of this faucet is chrome plated brass, and has a brass connection on the underside of the sink. Hot and cold water lines connect to this faucet with a brass mixer fitting under the sink. Connecting plumbing in the cabinet under the sink may also contain additional brass components.

Replacement of this faucet and its connection plumbing with lead free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for 3 minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

This faucet also has an aerator/screen at the outlet. If the faucet is not replaced, the aerator/screen should be removed, inspected for particulate accumulations, scrubbed clean, and reinstalled. If particulates are found, the aerator/screen should be periodically checked and cleaned.

Outlet: Bubbler Fountain (02DW020)

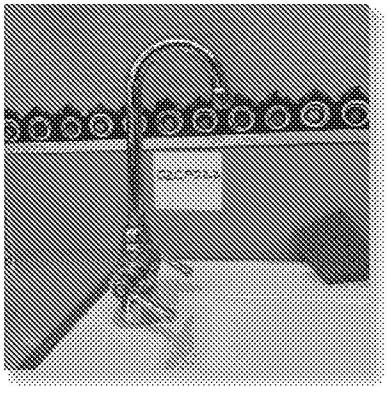


Location: Classroom 201, southeast wall
Results: P1=37 parts per billion, P2=24 parts per billion
F01=2 parts per billion, F02=non-detect

These results suggest the highest contribution of lead may be from the bubbler and its connecting plumbing. This bubbler fixture is made of chrome plated brass and has a brass connector on the underside of the sink. The bubbler also has a chrome plated brass flow regulator installed between the operating valve and the outlet. The connecting plumbing is copper with lead solder and includes a brass shut off valve.

Replacement of this bubbler tap and its connection plumbing with lead-free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for 3 minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Sink Faucet (02CF022)



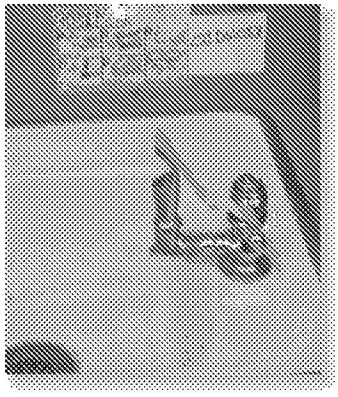
Location: Classroom 202, northwest wall
Results: P1=7 parts per billion, P2=24 parts per billion
F01=2 parts per billion, F02=1 part per billion

These results suggest the highest contribution of lead may be from the faucet and its connecting plumbing. The base of this faucet is chrome plated brass, and has a brass connection on the underside of the sink. Connecting plumbing in the cabinet under the sink is made up of brass connectors; copper piping with lead solder and brass shut off valves.

Replacement of this faucet and its connection plumbing with lead free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for 3 minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

This faucet also has an aerator/screen at the outlet. If the faucet is not replaced, the aerator/screen should be removed, inspected for particulate accumulations, scrubbed clean, and reinstalled. If particulates are found, the aerator/screen should be periodically checked and cleaned.

Outlet: Bubbler Fountain (01DW013)

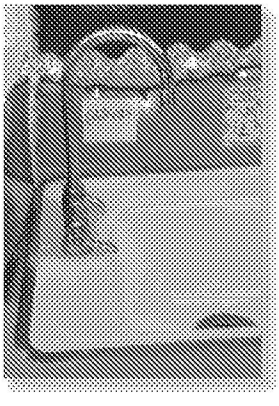


Location: Classroom 104, southwest wall
Results: P1=43 parts per billion, P2=106 parts per billion
F01=3 parts per billion, F02=2 parts per billion

These results suggest the highest contribution of lead may be from the bubbler and its connecting plumbing. This bubbler fixture is made of chrome plated brass and has a brass connector on the underside of the sink. Connecting plumbing in the cabinet under the sink is made up of brass connectors; copper piping with lead solder, and a brass shut off valve.

Replacement of this bubbler tap and its connection plumbing with lead free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for 3 minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Sink Faucet (01CF014)



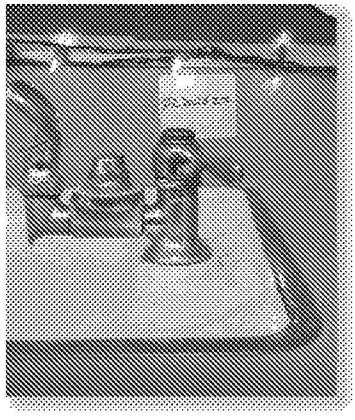
Location: Classroom 104, southwest wall
Results: P1=36 parts per billion, P2=36 parts per billion
F01=2 parts per billion, F02=1 part per billion

These results suggest the highest contribution of lead may be from the faucet and its connecting plumbing. The base of this faucet is chrome plated brass, and has a brass connection on the underside of the sink. Connecting plumbing in the cabinet under the sink is made up of brass connectors; copper piping with lead solder and brass shut off valves.

Replacement of this faucet and its connection plumbing with lead free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for 3 minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

This faucet also has an aerator/screen at the outlet. If the faucet is not replaced, the aerator/screen should be removed, inspected for particulate accumulations, scrubbed clean, and reinstalled. If particulates are found, the aerator/screen should be periodically checked and cleaned.

Outlet: Bubbler Fountain (02DW027)



Location: Classroom 204, southwest wall
Results: P1=18 parts per billion, P2=8 parts per billion
F01=2 parts per billion, F02=1 part per billion

These results suggest the highest contribution of lead may be from the bubbler and its connecting plumbing. This bubbler fixture is made of chrome plated brass and has a brass connector on the underside of the sink. The bubbler also has a chrome plated brass flow regulator installed between the operating valve and the outlet. The connecting plumbing is copper with lead solder and includes a brass shut off valve.

Replacement of this bubbler tap and its connection plumbing with lead free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for 3 minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

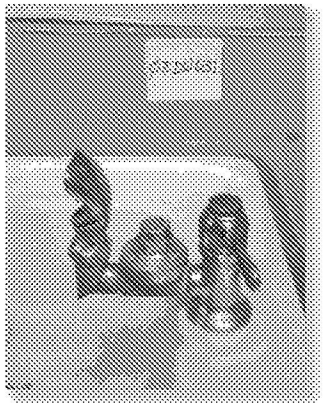
Outlet: Bubbler Fountain (02DW029)

Location: Classroom 205, northeast wall
Results: P1=39 parts per billion, P2=14 parts per billion
F01=11 parts per billion, F02=1 part per billion

These results suggest the highest contribution of lead may be from the bubbler and its connecting plumbing. This bubbler fixture is made of chrome plated brass and has a brass connector on the underside of the sink. Connecting plumbing in the cabinet under the sink is made up of brass connectors and copper piping with lead solder.

Replacement of this bubbler tap and its connection plumbing with lead free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for 3 minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Bubbler Fountain (02DW031)

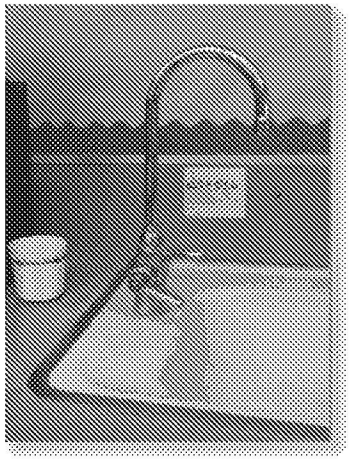


Location: Classroom 206, southwest wall
Results: P1=84 parts per billion, P2=7 parts per billion
F01=1 part per billion, F02=non-detect

These results suggest the highest contribution of lead may be from the bubbler and its connecting plumbing. This bubbler fixture is made of chrome plated brass and has a brass connector on the underside of the sink. The bubbler also has a chrome plated brass flow regulator installed between the operating valve and the outlet. Connecting plumbing in the cabinet under the sink should be checked for brass components and copper piping with lead solder.

Replacement of this bubbler tap and its connection plumbing with lead free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for 3 minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Sink Faucet (01CF016)



Location: Classroom 106, northeast wall
Results: P1=402 parts per billion, P2=61 parts per billion
F01=4 parts per billion, F02=1 part per billion

These results suggest the highest contribution of lead may be from the faucet and its connecting plumbing. The base of this faucet is chrome plated brass, and has a brass connection on the underside of the sink. Connecting plumbing in the cabinet under the sink is partly made up of brass connectors; copper piping with lead solder, and brass shut off valves.

Replacement of this faucet and its connection plumbing with lead free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for 3 minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

This faucet also has an aerator/screen at the outlet. If the faucet is not replaced, the aerator/screen should be removed, inspected for particulate accumulations, scrubbed clean, and reinstalled. If particulates are found, the aerator/screen should be periodically checked and cleaned.

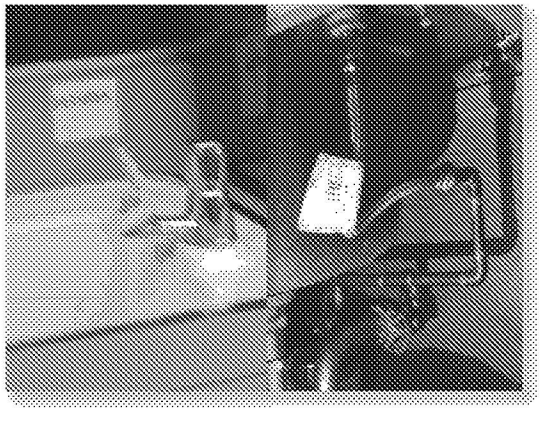
Outlet: Sink Faucet (02CF032)

Location: Classroom 207, northeast wall
Results: P1=21 parts per billion, P2=23 parts per billion
F01=5 parts per billion, F02=1 part per billion

These results suggest the highest contribution of lead may be from the faucet and its connecting plumbing. The base of this faucet is chrome plated brass, and has a brass connection on the underside of the sink. Connecting plumbing in the cabinet under the sink is partly made up of brass connectors; copper piping with lead solder, and brass shut off valves.

Replacement of this faucet and its connection plumbing with lead free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for 3 minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Bubbler Fountain (02DW033)

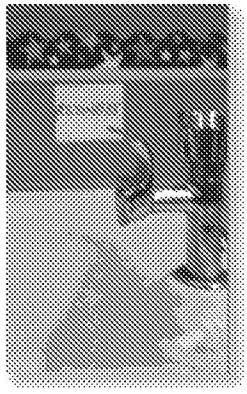


Location: Classroom 207, northeast wall
Results: P1=20 parts per billion, P2=4 parts per billion
F01=3 parts per billion, F02=3 parts per billion

These results suggest the highest contribution of lead may be from the bubbler and its connecting plumbing. Parts of this bubbler fixture are made of brass and it has a brass connector on the underside of the sink. Connecting plumbing in the cabinet under the sink is partly made up of brass connectors; copper piping with lead solder, and a brass shut off valve.

Replacement of this bubbler tap and its connection plumbing with lead free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for 3 minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Bubbler Fountain (02DW035)



Location: Classroom 208, southwest wall
Results: P1=12 parts per billion, P2=19 parts per billion
F01=6 parts per billion, F02=3 parts per billion

These results suggest the highest contribution of lead may be from the bubbler and its connecting plumbing. This bubbler fixture is made of chrome plated brass and has a brass connector on the underside of the sink. Connecting plumbing in the cabinet under the sink should be checked for brass components and copper piping with lead solder.

Replacement of this bubbler tap and its connection plumbing with lead free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for 3 minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Sink Faucet (02CF034)

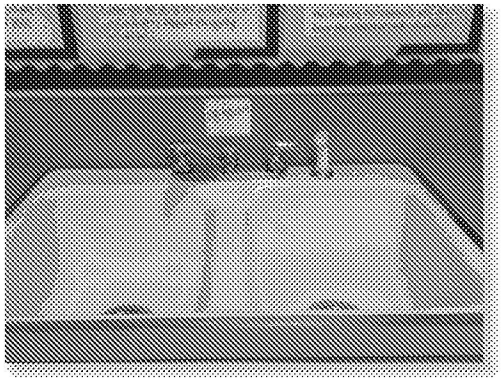
NO IMAGE AVAILABLE

Location: Classroom 208, southwest wall
Results: P1=19 parts per billion, P2=12 parts per billion
F01=3 parts per billion, F02=2 parts per billion

These results suggest the highest contribution of lead may be from the faucet and its connecting plumbing. The base of this faucet is chrome plated brass, and has a brass connection on the underside of the sink. Connecting plumbing in the cabinet under the sink should be checked for brass components and copper piping with lead solder.

Replacement of this faucet and its connection plumbing with lead free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for 3 minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

Outlet: Kitchen Faucet (01KC019)



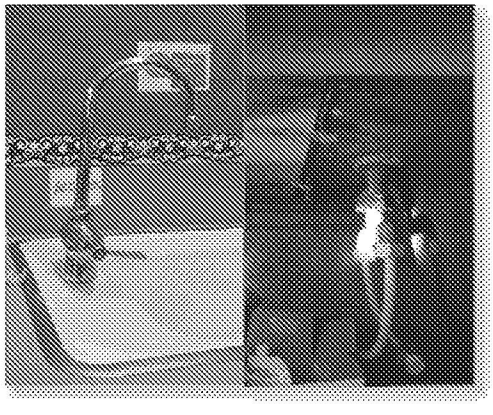
Location: Room 108, southwest wall
Results: P1=17 parts per billion, P2=5 parts per billion
F01=4 parts per billion, F02=1 part per billion

These results suggest the highest contribution of lead may be from the faucet and its connecting plumbing. This fixture appears to be a Delta two handled faucet. This model faucet typically has a brass tube in its deck body and may contain some additional brass components. Connecting plumbing in the cabinet under the sink should be checked for brass components and copper piping with lead solder.

Replacement of this faucet and its connection plumbing with lead free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for 3 minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

This faucet also has an aerator/screen at the outlet. If the faucet is not replaced, the aerator/screen should be removed, inspected for particulate accumulations, scrubbed clean, and reinstalled. If particulates are found, the aerator/screen should be periodically checked and cleaned.

Outlet: Sink Faucet (02CF036)



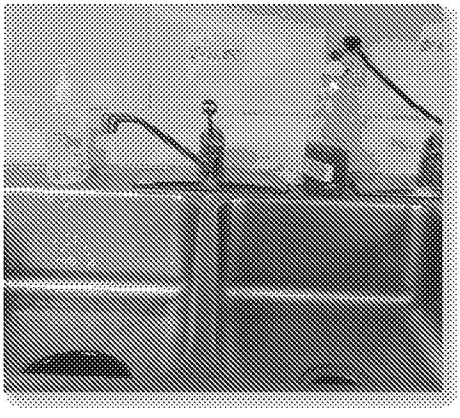
Location: Classroom 209, southwest wall
Results: P1=7 parts per billion, P2=21 parts per billion
F01=5 parts per billion, F02=1 part per billion

These results suggest the highest contribution of lead may be from the faucet and its connecting plumbing. The base of this faucet is chrome plated brass, and has a brass connection on the underside of the sink. Hot and cold water lines connect to this faucet with a brass mixer fitting under the sink. Connecting plumbing in the cabinet under the sink may also contain additional brass connectors and copper plumbing with lead solder.

Replacement of this faucet and its connection plumbing with lead free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for 3 minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

This faucet also has an aerator/screen at the outlet. If the faucet is not replaced, the aerator/screen should be removed, inspected for particulate accumulations, scrubbed clean, and reinstalled. If particulates are found, the aerator/screen should be periodically checked and cleaned.

Outlet: Kitchen Faucet, Left (04KC043)



Location: Outbuilding Unit 2 DHHS Office
Results: P1=17 parts per billion, P2=3 parts per billion
F01=2 parts per billion, F02=3 parts per billion

These results suggest the highest contribution of lead may be from the faucet and its connecting plumbing. The faucet is a Delta 400. This model faucet valve has brass components. This style faucet also has a mixing valve that may allow mixing of hot and cold water. Connecting plumbing in the cabinet under the sink may also contain brass components.

Replacement of this faucet and its connection plumbing with lead free materials will significantly reduce lead exposure at this location. If replacement is not currently feasible, sample results indicate that flushing this tap for 3 minutes following periods of stagnation is likely to reduce lead concentrations and lead exposure.

This faucet also has an aerator/screen at the outlet. If the faucet is not replaced, the aerator/screen should be removed, inspected for particulate accumulations, scrubbed clean, and reinstalled. If particulates are found, the aerator/screen should be periodically checked and cleaned.

Outlets With Lead Levels 15 Parts per Billion or Less

While the remaining 25 outlets showed sample results to be at levels requiring no further action, several recommendations have been identified.

The fourth sample (F02) at all 43 outlets following approximately 3 minutes of use and flushing at a reduced flow resulted in reduced lead concentrations of 3 parts per billion or less. This indicates that flushing of all taps used for drinking, cooking, and/or food preparation for 4 minutes following periods of stagnation will further reduce lead exposure. It is recommended that a flushing operational procedure be developed for use by staff responsible for plumbing operations and maintenance with emphasis on flushing after weekends and holidays.

Seventeen of these twenty five outlets are comprised of similar materials as the outlets listed above and could potentially experience higher lead levels under extended periods of stagnation. These faucets/fountains include:

- Sink Side Bubbler Units in Classroom 109 (01DW003), Classroom 101 (01DW007), Classroom 102 (01DW009), Classroom 202 (02DW023), Classroom 103 (01DW011), Classroom 203 (02DW025), Classroom 106 (01DW015), Classroom 107 (01DW017), and Classroom 209 (02DW037)
- Chrome Plated Brass Base Faucets in Classroom 101 (01CF008), Classroom 201 (02CF021), Classroom 103 (01CF012), Classroom 203 (02CF024), Classroom 204 (02CF026), Classroom 205 (02CF028), and Classroom 107 (01CF018)
- Delta 400 Model Faucet in Out Building Unit 2 (04KC044)

Replacement of these fixtures with lead free materials is also recommended.

The remaining eight outlets showed sample results of 15 parts per billion or less, requiring no further action or additional recommendations. These faucets/fountains include:

- Sink Faucets in Classroom 102 (01CF010) and the Clinic (01CF006)
- Kitchen Faucets in the Community Room Kitchen (01KC005), Classroom 206 (02CF030), Out Building Unit 1 (03KC040 and 03KC041)
- Water Coolers in Out Building Unit 1 (03DW038 and 03DW039)

Consecutive Sampling Results and Building Plumbing Recommendations

The consecutive samples taken on October 31, 2015, at three sites in the main school building and one site from each of the two out building units all provide additional confirmation that the highest contribution of lead appears to be from the individual faucet/fountains and not from the larger diameter supply plumbing within the main school building or the two out building units. Results of the consecutive sample monitoring are listed in the table below.

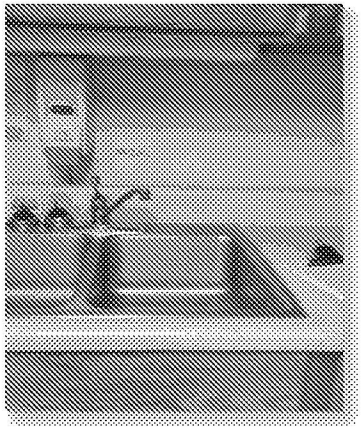
Consecutive Sample No.	1	2	3	4	5	6	7	8	9	10
LOCATION	LEAD RESULT (PARTS PER BILLION; ND = NOT-DETECTED)									
Classroom 109 Sink Faucet (01CF004)	3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Classroom 102 Sink Faucet (01CF010)	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Classroom 209 Sink Faucet (02CF036)	3	1	1	1	ND	ND	ND	ND	ND	ND
Out Building Unit 1 Kitchen Faucet (03KC040)	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Out Building Unit 2 Kitchen Faucet (04KC044)	2	ND	ND	ND	ND	ND	1	1	ND	ND

Outlets With Copper Levels Greater Than 1.3 Parts per Million

The DEQ recommends school facilities take action if samples from any drinking water outlets show copper levels greater than 1.3 parts per million. Based on the sampling conducted at 43 faucets/fountains on October 31, 2015, the following two drinking water outlets both located in Outbuilding Unit 1, had copper water level results greater than 1.3 parts per million. These two outlets are listed below with their sample results. While the remaining two outlets in Outbuilding Unit 1 had satisfactory copper results, copper results from all four outlets in Outbuilding Unit 1, along with the consecutive sample results for Outbuilding Unit 1, suggests that copper leaching is occurring in the building plumbing and copper service line due to excessive stagnation and lack of use. Additional work with the school will be performed by the DEQ to address this issue.

Outlet: Kitchen Faucet, Left (03KC041)

Location: Outbuilding Unit 1, Proposed Preschool
Results: P1=0.33 parts per million, P2=1.84 parts per million
F01=1.07 parts per million, F02=1.12 parts per million



Outlet: Water Cooler, Left (03DW038)

Location: Outbuilding Unit 1, Proposed Preschool
Results: P1=2.77 parts per million, P2=1.37 parts per million
F01=1.2 parts per million, F02=1.03 parts per million

From: Pallone, Maggie (DEQ)
Sent: Thursday, September 17, 2015 3:55 PM
To: Muchmore, Dennis (GOV); Hollins, Harvey (GOV); Brown, Eric (GOV); Ackerman, Darin (GOV)
Cc: Wurfel, Sara (GOV); Brown, Jessica (GOV)
Subject: Ananich Flint Water Response
Attachments: Flint Water Response.pdf

Here is DEQ's formal response to the Michigan legislators inquiry on Flint water. FYI only, this is going out momentarily. We are also briefing them in person on Monday morning.
Give me a call if you have any questions.
Thanks,
Maggie

From: Feuerstein, Heather (DEQ)
Sent: Thursday, September 17, 2015 3:48 PM
To: Pallone, Maggie (DEQ) <PalloneM@michigan.gov>
Subject: Flint Water Response

Here is the letter to Senator Ananich and Reps Neeley and Phelps.

Heather Feuerstein
Management Assistant to
Maggie Pallone, Deputy Director and
Brad Wurfel, Communications Director
Department of Environmental Quality
517.284.6715

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING

RICK SNYDER
GOVERNOR

DAN WYANT
DIRECTOR

September 17, 2015

VIA E-MAIL

The Honorable Jim Ananich
State Senator
State Capitol
P.O. Box 30036
Lansing, Michigan 48909-7536

The Honorable Sheldon Neeley
State Representative
State Capitol
P.O. Box 30014
Lansing, Michigan 48909-7514

The Honorable Phil Phelps
State Representative
State Capitol
P.O. Box 30014
Lansing, Michigan 48909-7514

Dear Senator Ananich and Representatives Neeley and Phelps:

Thank you for your letter of September 10, 2015, regarding water quality in the city of Flint (City). Your interest in this matter is appreciated. The Michigan Department of Environmental Quality (MDEQ) takes seriously its responsibility to ensure safe drinking water for all Michigan residents. The MDEQ maintains a robust public water supply regulatory program through long-standing partnerships with the United States Environmental Protection Agency (USEPA) and the state's regulated public water systems.

With respect to the draft memo referenced in your letter, the MDEQ does not review or receive draft memos from the USEPA, nor would we expect to while it is a draft.

Regulations associated with lead, copper, and corrosion control require communities to monitor water quality at customer taps. The monitoring protocols for sampling home water attempt to represent actual home water use, and they allow the MDEQ to get consistent results for year-over-year comparisons.

It is important to recognize that any home with lead plumbing or service connections will impart some amount of lead to water samples. While the compliance monitoring for lead in the City has not exceeded the federally-established Action Level, either before or after the City switched sources and treatment methods, there has always been

detectable lead in the City's water sampling program for homes that have lead plumbing or service connections. The City's monitoring program's purpose is to show aggregated levels throughout the entire system, not individual home levels.

The law requires the City to provide individual lead results to customers whose homes are sampled for compliance with the Action Level. Each customer with an individual sample result that exceeds 15 parts per billion is provided information on actions they can take to limit lead exposure in their drinking water. System-wide results from the most recent lead compliance monitoring are included each year in the City's annual Consumer Confidence Report, which is provided to customers and available online.

It is important to note that the City performed extensive home water tests for lead and copper last year and this year, and is meeting state and federal drinking water standards. Local health departments also administer annual blood level testing on children in Flint; results show no discernable rise in levels that might be expected if there was an elevated lead level in the City water supply. The City currently has no unresolved violations of state and federal drinking water standards.

The MDEQ continues to work with the City and federal regulators on the shared goal of ensuring safe, reliable drinking water in this community.

I look forward to discussing this issue in greater detail at the meeting next week. If you should have additional questions before then, please contact Ms. Maggie Pallone, Deputy Director, Policy and Legislative Affairs, at 517-284-6715 or pallonem@michigan.gov; or you may contact me.

Sincerely,

Dan Wyant
Director
517-284-6700

cc: U.S. Representative Dan Kildee
Mayor Dayne Walling, City of Flint
Mr. Howard Croft, City of Flint
Dr. Susan Hedman, Regional Administrator, USEPA, Region 5
Mr. Thomas Poy, USEPA, Region 5
Ms. Denise Fortin, USEPA, Region 5
Mr. Michael Schock, USEPA
Mr. Darren Lytle, USEPA
Mr. Marc Edwards, Virginia Tech
Mr. Harvey Hollins, Governor's Southeast Michigan Office
Mr. Bill McBride, Governor's Washington Office
Mr. Eric Brown, Governor's Washington Office
Mr. Jim Sygo, Chief Deputy Director, MDEQ
Ms. Madhu R. Anderson, Deputy Director, MDEQ
Ms. Maggie Pallone, Deputy Director, MDEQ
Ms. Sarah M. Howes, Legislative Liaison, MDEQ
Mr. Brad Wurfel, Communications Director, MDEQ
Ms. Liane Shekter Smith, MDEQ
Mr. Richard Benzie, MDEQ
Mr. Stephen Busch, MDEQ
Mr. Pat Cook, MDEQ

From: Brown, Jessica (GOV)
Sent: Wednesday, June 10, 2015 3:18 PM
To: Wurfel, Brad (DEQ)
Subject: RE: Flint Drinking Water TTHM Standard Violation - 2nd quarter 2015

Yes, makes more sense. Thanks much!

From: Wurfel, Brad (DEQ)
Sent: Wednesday, June 10, 2015 3:14 PM
To: Brown, Jessica (GOV)
Subject: RE: Flint Drinking Water TTHM Standard Violation - 2nd quarter 2015

The standard they're required to meet is based on the average of the last four quarters of testing. That means several rounds of violation are usually required to trip the standard going in, but it also means that it takes several quarters' worth of clean test results to average it back off. And their results from last … August, I think, were pretty high.

As noted in the language of the original note, ". It is however, important to note that all individual compliance sample results collected in both May and February were below the 0.080 mg/L levels."

Make more sense?

From: Brown, Jessica (GOV)
Sent: Wednesday, June 10, 2015 1:59 PM
To: Wurfel, Brad (DEQ)
Subject: RE: Flint Drinking Water TTHM Standard Violation - 2nd quarter 2015

Hi Brad,

I know you touched on this below and I read the letter, but I'm missing something here. When you get a minute can you explain how the city gets a violation letter if the water is technically fine? Am I right in my understanding that one testing location was still above .080 mg/L when testing was done in May but as of today, in June, all testing locations meet the requirement and are now under .080 mg/L?

Jess

From: Wurfel, Brad (DEQ)
Sent: Tuesday, June 09, 2015 3:45 PM
To: Brown, Jessica (GOV); Wurfel, Sara (GOV); Murray, David (GOV)
Cc: Smith, Jennifer (DCH); Wheaton, Bob (DHS)
Subject: FW: Flint Drinking Water TTHM Standard Violation - 2nd quarter 2015

Heads up, Flint is about to get another one of those letters from us. This is once again about the Total Trihalo Methanes. They remain in violation of the standard. The water is fine, but because the standard is based on the average of four quarterly tests, it takes awhile for the 'violation' status to work its way out of the numbers.

So it may get press, but it's not indicative of actual water quality violation in the present sense.
b

From: Busch, Stephen (DEQ)
Sent: Tuesday, June 09, 2015 12:39 PM
To: Howes, Sarah (DEQ); Pallone, Maggie (DEQ); Wurfel, Brad (DEQ)
Cc: Prysby, Mike (DEQ); Benzie, Richard (DEQ); Shekter Smith, Liane (DEQ); Rosenthal, Adam (DEQ); Thelen, Mary Beth (DEQ); Devereaux, Tracy Jo (DEQ)
Subject: Flint Drinking Water TTHM Standard Violation - 2nd quarter 2015

Attached is a copy of the Violation Notice and Public Notice Template being mailed to the City of Flint by the DEQ Office of Drinking Water and Municipal Assistance regarding an exceedance of the Maximum Contaminant Level (MCL) standard for Total Trihalomethanes at certain locations within the City's drinking water distribution system.

This violation notice is in response to updated monitoring completed in May 2015, which shows the locational running annual average for one of the City's eight compliance sampling locations continues to exceed MCL standard of 0.080 mg/L. It is however, important to note that all individual compliance sample results collected in both May and February were below the 0.080 mg/L levels.

You are being provided an electronic copy of this notice as exceedance of this drinking water standard is expected to generate inquiries from water system customers, news media, and the general public.

Sarah Howes or Maggie Pallone will be informing members of the Michigan legislature.

If you have any questions or would like any additional information, you may contact Michael Prysby, District Engineer, DEQ-ODWMA at 517-290-8817, or you may contact me at the number below.

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: Brown, Jessica (GOV)
Sent: Tuesday, September 08, 2015 1:53 PM
To: 'Wurfel, Brad (DEQ)'
Subject: RE: flint water

Sure hang tight

From: Wurfel, Brad (DEQ)
Sent: Tuesday, September 08, 2015 1:50 PM
To: Brown, Jessica (GOV) <BrownJ53@michigan.gov>
Subject: RE: flint water

Please do? Easier to share with our staff that way. Thanks
b

From: Brown, Jessica (GOV)
Sent: Tuesday, September 08, 2015 1:44 PM
To: Wurfel, Brad (DEQ)
Subject: RE: flint water

Brad -- I was able to get it to show up on my personal phone, if you haven't been able to access it yet let me know. I can send via gmail/screenshot.

From: Wurfel, Brad (DEQ)
Sent: Tuesday, September 08, 2015 1:28 PM
To: Shekter Smith, Liane (DEQ) <SHEKTERL@michigan.gov>; Busch, Stephen (DEQ) <BUSCHS@michigan.gov>; Benzie, Richard (DEQ) <BENZIER@michigan.gov>
Cc: Muchmore, Dennis (GOV) <muchmored@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: FW: flint water

Heads up, Fonger's on a tight turnaround for this. I've not yet seen it -- state server blocks access.

From: Ronald Fonger [mailto:RFONGER1@mlive.com]
Sent: Tuesday, September 08, 2015 11:39 AM
To: Wurfel, Brad (DEQ)
Subject: flint water

Brad:
This was posted by the Virginia Tech researchers this morning.
Since a part of it speaks directly to MDEQ's involvement in the Flint water situation, I wanted to see if we can get a comment from you for an initial story that I hope to post in about two hours.
Thanks,
http://flintwaterstudy.org/2015/09/our-sampling-of-252-low-risk-homes-demonstrates-a-high-lead-in-water-risk-flint-should-be-failing-to-meet-the-epa-lead-and-copper-rule/

Ron Fonger
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Reporter

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From: Brown, Jessica (GOV)
Sent: Tuesday, September 22, 2015 9:27 AM
To: Kennedy, Jordan (GOV)
Subject: Departments 9/22

This is everything I found for Gov. & LG too. Maybe do a quick search on your end and make sure I didn't miss anything?

GOVERNOR'S ACTIVITIES

Roads

Road funding among 4 major issues Michigan Gov. Rick Snyder hopes to tackle by end of year (MLive)
Michigan Gov. Rick Snyder, nearly four years removed from his initial push for a long-term road funding increase, is optimistic that he and legislative leaders can strike a bipartisan deal by the end of 2015.

China Investment Mission

Michigan governor visits Kingfa headquarters in China (Plastics News)
Michigan Gov. Rick Snyder paid a visit to Guangzhou, China-based leading compounder Kingfa Science & Technology Co. Ltd., which established a subsidiary in Ann Arbor earlier this year and looks to expand in the U.S.

LT. GOVERNOR'S ACTIVITIES

Mackinac Republican Leadership Conference wraps up (UP Matters)
The 31st Mackinac Republican Leadership Conference is in the history books. Five presidential candidates and state politicians were all in attendance. Here's a look at what happened this weekend.

DEPARTMENTS

AG

Schuettes kick off 25th year of Michigan Harvest Gathering (Midland Daily)
Michigan Harvest Gathering this month celebrates its 25th year of statewide hunger relief with its inaugural bus tour.

DEQ

Federal, state and local officials meet to talk about Flint's water woes (Michigan Radio)
Amid growing concerns about Flint's drinking water, federal, state and local elected leaders were briefed today in Lansing by federal and state environmental regulators. After the meeting, one prominent elected official called for more independent testing of Flint's drinking water.

U.S. congressman calls for more testing of Flint water (MLive)
Congressman Dan Kildee says more homes need to to have water tested for lead in Flint and wants an agency or company other than the city or state to carry out the testing.

Lansing BWL, four communities awarded water grants (Lansing State Journal)
The Lansing Board of Water & Light has been awarded a $70,000 grant aimed at safeguarding public water supply systems.

Comment period extended for planned toxic waste plant expansion (Metro Times)

We reported before that US Ecology, a hazardous waste facility on Detroit's east side, wanted to enlarge its operation. We noted that "the company, headquartered in Boise, Idaho, is seeking to build new tanks and storage buildings at the Detroit plant."

DHHS

State DHS workers to receive more overtime pay (WTVB)
There will be more overtime pay for Michigan Department of Health and Human Services workers who do work from home. The employees who work in the Adult Protective Services and Child Protective Services division will receive the compensation for doing work on nights and weekends.

DNR

Invasive species makes first appearance in Michigan (WDET)
Officials with Michigan's Department of Natural Resources are confirming the state's first case of an invasive species. It's called yellow floating heart. It's a rooted, aquatic plant with floating leaves and flowers that resemble water lilies. Kile Kucher is an aquatic invasive species coordinator with DNR. He says a prominent Michigan family may be responsible for the species' presence in the state.

Black bear attack in Clare County (MI News 26)
A 46-year-old man was reportedly attacked by a black bear Thursday evening in Clare County.

DNR using 'bacon chunks' in effort to trap bear that attacked hunter (MLive)
Chunks of bacon are the bait the Michigan Department of Natural Resources is hoping will help them capture a black bear that a hunter says attacked him in Clare County.

Fresh salmon now available through DNR (Examiner)
Don't have a boat to catch your own, but love the thought of having fresh salmon cooked over a campfire or grill? The Michigan Department of Natural Resources has made it easy.

Invasive plant likely introduced by Henry Ford's wife removed (Trenton Grosse Ile Patch)
There's nothing innocuous about the yellow floating heart (Nymphoides peltata), which threatened to overtake a pond at the University of Michigan - Dearborn Environmental Study Area in Wayne County. Left alone, it can choke the life out of a pond

MDARD

EEE found in Branch County (Argus Press)
The Michigan Department of Agriculture and Rural Development last week announced the state's first reported case in 2015 of Eastern Equine Encephalitis in a Branch County horse.

Case closed or break in action for skimmer cases? (WOOD TV)
For a time this summer, barely a week went by without someone discovering their credit card was compromised while buying gas.

Soft cheese linked to listeria death in Ohio (Detroit Free Press)
A California company has recalled several brands of soft cheeses after they were linked to 24 illnesses around the country and a death in Ohio.

Michigan harvest is in, but workers are in short supply (Detroit News)
Michigan farmers are struggling to find migrant workers to harvest fruit and vegetables.

Local man's sick horse could have West Nile (Michigan's Thumb)
Huron County Commissioner Clark Elftman is on alert that his horse may have West Nile virus. Elftman recently sent a crow to state officials who confirmed the bird was infected with West Nile.

MDE

Michigan won't release top-to-bottom school rankings for 2 years (MLive)
In late summer, Michigan school district officials and parents usually are able to peruse new data showing where their school ranks in the state.

Schools see need to address LGBT issues (Mining Journal)
Over the past several years, Kim Phillips-Knope's role in assisting Michigan high school staff address lesbian, gay, bisexual and transgender issues has changed.

MDOC

23 sex offenders arrested during sweep in Detroit (WJBK)
Nearly two dozen sex offenders in Detroit are behind bars after a 3-day sweep by authorities last week. The 23 offenders were taken into custody on outstanding felony warrants following a collaborative effort to locate and arrest the non-compliant sex offenders in the city.

Saginaw urine technician accepted bribes to give negative results, police allege (MLive)
A 58-year-old Saginaw urine technician has been arrested due to police alleging he accepted bribes to give negative test results.

Contractor hired to perform drug tests accuses of accepting money from parolees (Midland Daily)
A contractor hired to perform parolee drug tests has been arrested as the result of an undercover investigation.

Urine tech allegedly took money from parolees to forge clean drug tests (WNEM)
A man contracted by the state was arrested for allegedly taking money from parolees to forge clean drug tests.

MDOT

$1.4B Windsor highway could set tone for new bridge (Detroit Free Press)
As southwest Detroit prepares for construction of the Gordie Howe bridge to Canada, community leaders have taken notice of a new $1.4-billion highway in Windsor that they hope can be a model for similar improvements in Detroit.

Large $16M portion of Northwestern Connector project unveiled in West Bloomfield, Farmington Hills (Daily Tribune)
Motorists traveling in southwestern Oakland County may see some much-anticipated flowing traffic moving forward, following the recent opening of a $16 million project that includes a roundabout on the border of West Bloomfield and Farmington Hills.

Airport Authority breaks ground on new airport business center (WWMT)
The West Michigan Airport Authority has broken ground for the new airport business center and aircraft apron in Holland.

Volunteers to hit area roadways this fall (Times Herald)
Three times a year, groups of local volunteers don brightly colored vests and walk miles of roadways, picking up litter and trash.

Final Adopt-a-highway cleanup of year starts Sunday (UP Matters)
The final Adopt-A-Highway pickup of the year will mark the completion of the 25th anniversary of the popular Michigan Department of Transportation (MDOT) program. Thousands of volunteers will be scouring the roadsides looking for trash from Saturday, Sept. 26, through Sunday, Oct. 4.

Adopt-a-highway cleanup starts this weekend (WSJM)
Volunteers from thousands of organizations around Michigan will take part in the final Adopt a Highway cleanup effort of the year starting this Saturday. The Michigan Department of Transportation's Dan Weingarten says that all kinds of

organizations step up to provide the manpower needed to pick up trash along state highways, and they accomplish quite a bit.

MEDC

Michigan Film Office unveils new plan for state's creative industries (Macomb Daily)
The film incentives are gone but the Michigan Film Office is still around.

MPSC

Michigan leaders should embrace EPA's Clean Power Plan (MLive)
It was disappointing to see Scott Segal's recent column repeat myths about clean energy and defend the status quo, which hampers economic growth and threatens the health of Michigan families.

Electric company requests increase in case rates (ABC 10)
An electric company serving many parts of the Upper Peninsula is requesting an increase in its electric base rates for next year.

MSHDA

Pilot approved for senior housing development (The Ticker)
Traverse City commissioners Monday unanimously approved a tax abatement request for a proposed senior housing development in the Depot neighborhood.

MSP

MSP urged to more quickly return biological evidence to acquitted suspects (AP)
A former prosecutor is among those who want Michigan State Police to more quickly return biological evidence collected from crime suspects after acquittal.

MSP posts serve as collecting points for expires, unused prescription drugs (WDIV)
Michigan State Police posts across the state are serving as collection points for expired, unwanted or unused prescription drugs as part of an effort to curb prescription drug abuse, officials said.

State police to collect expires, unused prescriptions (Detroit News)
Michigan State Police posts across the state are serving as collection points for expired, unwanted or unused prescription drugs as part of an effort to curb prescription drug abuse, officials said.

MSP drug take back program (Herald Current)
he take-back initiative will accept the following materials for destruction: prescription medications, over-the-counter medications, pet medications, tablets/pills/capsules, patches, vitamins, supplements, inhalers, suppositories, homeopathic remedies and liquid medications in leak-proof containers.

SOS

Secretary of state says expelled Michigan lawmaker can run for her seat in special election (AP)
The Michigan secretary of state's office says an expelled lawmaker is eligible to run again for her old seat in a special election.

Michigan SOS, after review, says expelled Rep. Cindy Gamrat eligible to run for re-election (MLive)
Former Michigan state Rep. Cindy Gamrat is eligible to run for her old seat in an upcoming special election despite her recent expulsion, according to the Bureau of Elections.

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From: Brown, Jessica (GOV)
Sent: Wednesday, October 14, 2015 10:07 AM
To: Kennedy, Jordan (GOV)
Subject: 10/14 Departments

AG

See something wrong? Tell someone with OK2SAY (Ferris State University)
Tatum and about 950 other students recently got a crash course in the state-run program, which aims to break the silence around bullying and threats of violence in schools. North Middle was the first of all 13 Rockford Public Schools to receive awareness sessions for OK2SAY, letting students know they can report misbehavior without fear of retaliation.

DHHS

Doctors who dismember a fetus during abortion could get prison time under bills (MLive)
A second-trimester abortion procedure that involves dismembering fetuses would be banned in Michigan under bills up in the House Criminal Justice Committee Tuesday morning.

Prevent accidental death in infants by sharing a room, not a bed (Daily Reporter)
Out of 133 infant deaths in Michigan reviewed in 2011 by Michigan Community Based Child Death Review Teams, 47 percent occurred after the infant was placed in an adult bed.

Breast Cancer: What you need to know if you have a family history (WLNS)
t's breast cancer awareness month. According to the Michigan Department of Health and Human Services 1 in 9 women in the state have a family history of breast cancer

DEQ

Where are the records? Lawmaker wants answers on Flint water switch (Michigan Radio)
A state lawmaker is heading to court to force the city of Flint and a state agency to release documents related to the decision to make the Flint River the city's drinking water source.

Michigan to launch lead education effort statewide (Detroit Free Press)
The state — in the wake of the Flint water crisis — is launching an education campaign soon to help schools statewide learn how to get their water tested to determine whether it contains dangerously high levels of lead.

MDEQ Director: Flint water crisis has shaken faith in government (Michigan Radio)
State and local officials have done an about-face when it comes to Flint's water crisis.

MVAA

New collaboration brings resources to veterans in Northern Michigan (MI News 26)
Veterans in Northern Michigan will now have easier access to comprehensive health, employment, and education opportunities thanks to a collaboration that brings together local, state, and federal resources.

National program aimed at helping vets coming to West Michigan (WWMT-TV)
A national program is expanding into West Michigan, to help those who need it most. It's called VCAT (Veterans Community Action Team), and the program will serve 55,000 veterans and their families in several West Michigan counties.

DOC

MDOC is looking to hire 200 corrections officers in 2016 (Upper Michigan's Source)
One way to recruit potential correctional facility employees is to target the student population.

Job fair gives metro Detroiters returning from prison a second chance (WDIV)
Barbara L. McQuade said it's her office's job to reduce and prevent crime. McQuade said one way of preventing crime is giving former prisoners a job.

Presumptive parole isn't safe for Michigan (Detroit News)
Public safety is the first responsibility of government. Unfortunately, legislation now being debated by the Michigan legislature could put the public's safety at risk. Last week, the House passed legislation that dramatically changes our criminal justice system, and now the Senate is considering this package of bills. We strongly oppose these bills, because they will allow the release of violent offenders back onto our streets.

MDE
Count day helps state with funding (Livingston Daily)
School districts across Livingston County asked students to stand up and be counted this week for Michigan's official County Day.

Education chief unveils teacher evaluation system ahead of possible state House vote (Michigan Radio)
Michigan education officials are moving ahead with plans to improve teacher evaluations statewide.

State's new e-textbooks get harsh words from critics (Michigan Radio)
The first set of online textbooks released under Michigan's Open Book Project is drawing criticism from some educators and experts.

MEDC
New range of employment services available at Pontiac's OLSHA (Oakland Press)
Unemployed people who have a tough time finding transportation, child care or even job uniforms can find help through a new service being offered at OLHSA, the Pontiac-based Oakland Livingston Human Service Agency.

Crystal mountain begins work on an $11 million expansion (Examiner)
Construction is now underway on an $11 million expansion at Crystal Mountain that will add eight new downhill trails, a triple chairlift and transform the village center with a 31,200 square-foot, LEED-certified expansion and surrounding plaza to the Inn at the Mountain.

MDOT
Public weighs in on upcoming I-275 construction project in Wayne and Oakland counties (WXYZ)
After seeking input from the public on an upcoming freeway project, the Michigan Department of Transportation has decided to shut down one direction of I-275 at a time.

Michigan Department of Transportation chooses plan for $80 million I-275 project (Macomb Daily)
After evaluating nearly 3,800 survey responses, the Michigan Department of Transportation has decided how to proceed with a $70-$80 million construction project which will affect many Oakland County motorists next year.

Department of Transportation unveiling Pure Michigan Byway (AP)
The Michigan Department of Transportation is getting ready to unveil its first new Pure Michigan Byway.

Income tax debate at heart of latest Michigan road funding stalemate (MLive)
Michigan Gov. Rick Snyder and legislative leaders have reached "an impasse" in long-running road funding talks, but this time around, they aren't arguing over the size of potential tax increases.

MSP

SW Michigan leads state in meth lab seizures (FOX 17)

A new report from the State Police shows just how bad the problem of meth is in Michigan.

No need for more speed on Michigan highways (Battle Creek Enquirer)

Many people like to drive fast, but the government's job is to keep motorists safe. Raising speed limits, even on rural highways, is no way to do that, and we hope the Legislature backs away from the idea.

SUPREME COURT

Michigan Supreme Court opens term with new justice, 11 cases (Crains)

The Michigan Supreme Court opened a new term this week with a new member and arguments in 11 cases.

Michigan Supreme Court to hear FOIA auto insurance case (WMUK)

The state Supreme Court will hear arguments on its opening day about whether Michigan's Freedom of Information Act applies to a fund that was created by the Legislature, but operated by auto insurance companies.

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From: Brown, Jessica (GOV)
Sent: Wednesday, October 21, 2015 10:02 AM
To: Biehl, Laura (GOV)
Subject: Newsroom for Comparison
Attachments: 151021 Newsroom.docx

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Governor Rick Snyder
REINVENTING MICHIGAN
Getting It Right. Getting It Done.

In the News

Wednesday, Oct. 21
NEWS (Click the link to read the full article)

GOVERNOR'S ACTIVITIES

DPS

Skillman Foundation responds to Governor Snyder's plan for DPS debt (WDET)
Stephen Henderson speaks with Coalition for the Future of Detroit Schoolchildren co-chair and Skillman Foundation CEO Tonya Allen for a response to Governor Snyders plan to reduce the DPS debt. Allen issued a statement that says "we appreciate Gov. Snyder's good-faith effort to comprehensively address longstanding serious issues that impact the quality of education for Detroit schoolchildren… Detroit is a city on the rise, and its recovery will be less than complete until schoolchildren here have the same quality school choice as kids in other thriving areas of the state"

Snyder's plan to fix Detroit's schools will fall on deaf legislative ears (Michigan Radio)
Governor Rick Snyder yesterday unveiled his new plan to fix Detroit Public Schools. Actually, it is a variation on one he put forth in April. Like that plan, it seems heavily based on the model General Motors adopted to emerge from bankruptcy.

Snyder renews push for Detroit schools restructuring (Bond Buyer)
Michigan Gov. Rick Snyder says his $715 million restructuring plan for Detroit's school system is less expensive for the state than doing nothing.

Governor announces plan to replace Detroit Public Schools (WSJM)
Governor Rick Snyder has a plan to get Detroit Public Schools out of debt, but it will cost the state $715 million over the next 10 years. Snyder's proposal includes creating a new school district and education commission to replace DPS and could be drafted into a series of bills in the next two weeks.

Governor Snyder: DPS needs an overhaul (WDET)
Governor Rick Snyder is asking the Legislature to take bills on Detroit schools overhaul, including creating a new district run by a board that's appointed by him and by Mayor Mike Duggan. State lawmakers will have to approve the plan and funding for the new school system.

Gov. Snyder: Michigan liable if Detroit schools not fixed (AP)
Michigan should divert $70 million annually to Detroit's school district over a decade to pay off an estimated $715 million in operating debt or else the state-run district could face financial defaults and put the state at risk of owing more later, Gov. Rick Snyder warned Monday.

Bill Signings

Gov. Snyder signs bills protecting use of service animals (Up North Live)
Michigan residents who use service animals will now have better access to public spaces such as retail stores, restaurants and health care facilities.

Gov. Snyder signs package of bills allowing better access for people using service animals (AP)
Gov. Rick Snyder has approved a bill package that allows people who use service animals better access to places like restaurants, retail stores and health care facilities.

Gov. Rick Snyder signs bipartisan bills protecting use of service animals for Michigan residents (UP Matters)
Michigan residents who use service animals will have better access to public spaces, such as restaurants, retail stores and health care facilities after Gov. Rick Snyder today signed a bill package to modernize state law and advance the use of these animals. The bills were spurred in part by recent incidents of people being turned away from businesses because they were accompanied by service animals.

Gov. Snyder signs civil asset forfeiture reform bills (FOX 17)
Gov. Rick Snyder on Tuesday signed a package of bills aimed at reforming the state's civil asset forfeiture procedures.

Snyder signs changes in police forfeiture of assets (AP)
Law enforcement will have to adhere to new reporting requirements and meet a higher evidentiary standard for seizing and taking ownership of people's property under laws signed by Gov. Rick Snyder.

Governor signs bills reforming civil asset forfeiture (Macomb Daily)
Gov. Rick Snyder on Tuesday signed into law new reforms that will make it harder for law enforcement authorities to retain cars, boats and cash seized as part of criminal investigations that do not result in criminal charges.

Michigan teacher evaluation bill heads to Snyder after final approval in Senate (MLive)
The Michigan Senate on Tuesday gave final approval to legislation that would create a new framework for teacher evaluations, replacing statewide rules that were set to take effect this school year.

Gordie Howe Bridge
Gov. envisions progress on bridge with Canada's new PM (Detroit News)
Michigan Gov. Rick Snyder said he plans to work with newly elected Canadian Liberal Party leader Justin Trudeau in plans for a new bridge between Windsor and Detroit.

Michigan, Ohio need to work together one economic growth (Monroe News)
Michigan and Ohio need to rely on each other to grow the region. That was the message at a session on economic development and partnerships Oct. 16 at Monroe Bank & Trust headquarters.

Flag Honors
Governor orders flags lowered for Farmington Hills man (Hometown Life)
Gov. Rick Snyder Tuesday ordered U.S. flags within the State Capitol Complex and on all state buildings to be lowered to half-staff on Thursday, Oct. 22, in honor of Department of Natural Resources

conservation officer First Lt. Arthur Green III.

Snyder orders flags lowered for fallen state worker (LSJ)
Gov. Rick Snyder has ordered U.S. flags at state facilities to be lowered to half-staff Thursday in honor of a Michigan Department of Natural Resources conservation officer who died in an Aug. 9 plane crash.

Gov. Snyder orders flags to be lowered in honor of conservation officer (Up North Live)
Gov. Rick Snyder has ordered U.S. flags within the State Capitol and all state buildings to lower their flags to half-staff on Thursday in honor of Department of Natural Resources conservation officer First Lt. Arthur Green III.

Flags to be lowered in honor of DNR officer killed in crash (AP)
Gov. Rick Snyder says U.S. flags will be lowered to half-staff within the State Capitol Complex and on all state buildings in honor of a Michigan Department of Natural Resources conservation officer who died in a small plane crash.

Gov. Snyder orders flags lowered to honor DNR officer killed in plane crash (9&10)
U.S. flags will fly at half-staff this Thursday in honor of a Department of Natural Resources conservation officer who died in a plane crash in Northern Michigan.

Gov. Rick Snyder orders flags lowered to honor former conservation officer (Holland Sentinel)
Gov. Rick Snyder released an order Oct. 20 for U.S. flags within the Michigan State Capitol Complex and on all state buildings to be lowered to half-staff Oct. 22 in honor of Department of Natural Resources conservation officer First Lt. Arthur Green III.

LT. GOVERNOR'S ACTIVITIES
Lt. Gov. Calley holding fund-raiser in Lansing Thursday (Detroit Free Press)
Lt. Gov. Brian Calley has scheduled a fund-raiser in Lansing on Thursday, in the strongest sign to date he is eyeing the governor's office in 2018, when Gov. Rick Snyder must step down because of term limits.

DEPARTMENT NEWS

DEQ
Michigan DEQ Director Dan Wyant acknowledges mistakes by the state in handling Flint water emergency (Austrian Tribune)
n Monday, the leader of the Michigan Department of Environmental Quality accepted that critical mistakes were made that resulted into the contamination of drinking water of Flint. DEQ Director Dan Wyant on Sunday admitted the mistakes that the state made in handling of the situation. He said that they are bringing the necessary changes.

Michigan DEQ 'completely failed' Flint residents says Ananich, calling for water investigation (MLive)
The Michigan Department of Environmental Quality "completely failed" to protect Flint residents from contaminated drinking water, according to Senate Minority Leader Jim Ananich, who is calling for a formal investigation by the Legislature.

Auditor general looking into state agency responsible for monitoring Flint water (Michigan Radio)
A formal review is underway into the state agency that made mistakes in its monitoring of Flint's drinking water.

DHHS

Michigan receives grant to develop behavioral health clinics (Up North Live)
The Michigan Department of Health and Human Services has been awarded more than $980,000 to develop certified community behavioral health clinics.

Michigan receives $980,000 grant to develop behavioral health clinics (Crains)
The Michigan Department of Health and Human Services has been awarded more than $980,000 to develop certified community behavioral health clinics.

Northern Michigan Public health Alliance wins award (Petoskey News)
The Northern Michigan Public Health Alliance has received the coveted Michigan Department of Health and Human Services Director's Award for Excellence in Local Public Health. The award was presented Oct. 7 during Michigan's Premier Public Health Conference at Crystal Mountain.

DNR

That's a big fish! State record set for smallmouth bass (Detroit Free Press)
The Michigan Department of Natural Resources has confirmed a new state-record catch for smallmouth bass.

Giant smallmouth bass caught this past weekend breaks Michigan record that stood since 1906 (WXYZ)
A 9.33-pound fish caught this past Sunday is a pretty big deal. The smallmouth bass breaks a longstanding record for the state's largest catch.

Construction begins on $65 million Orleans Lansing mixed-use development (Crains)
As construction whirred in the background this morning, civic and economic leaders celebrated the start of Orleans Landing on Detroit's east riverfront.

DNR to tear down Ostego Township dam (WOOD TV)
Fishermen and boaters may soon have a new place to play in West Michigan. The Otsego Township Dam on the Kalamazoo River in Allegan County is being removed.

MDARD

MI Dept. of Agriculture & Rural Development honors its outstanding employees for 2015 (EIN Newsdesk)
Commitment to teamwork, leadership, outstanding customer service and excellence are just a few characteristics describing the winners of the 2015 Michigan Department of Agriculture and Rural Development annual employee awards. Winners are both nominated and selected by their fellow MDARD colleagues. "MDARD employees are constantly looking for ways to grow and expand Michigan's food and agriculture businesses while providing the best possible customer service," said Clover Adams.

"These awards offer an opportunity to say 'thank you' to staff for their innovation, dedication, and excellence."

Reflections of the 2016 Michigan poultry show ban in 4-H youth programs (MSU Extension)
This has been a challenging year for the over 4,000 Michigan 4-H youth who participate in a poultry 4-H project. On June 1, 2015, the Michigan Department of Agriculture and Rural Development announced that a ban on poultry shows and swaps was to be immediately enacted in response to a growing concern about highly pathogenic avian influenza entering the state. Michigan is home to a very large poultry industry, with large scale poultry operations spread across the state. Highly pathogenic avian influenza would be absolutely devastating if it were to affect the Michigan poultry industry.

MEDC
M-134 designated first new Pure Michigan Byway (Sault Ste. Marie Evening News)
The Pure Michigan campaign hit the road Friday, as a 50-mile stretch of Upper Peninsula highway was officially designated the first new Pure Michigan Byway.

Scenic M-134 designated as state's first Pure Michigan byway (St. Ignace News)
"We're going to get a lot of mileage out of this," said Jeff Hagan about the new designation of M-134 as the North Huron Byway. Mr. Hagan, of the Eastern Upper Peninsula Regional Planning and Development Commission, was part of a panel in Cedarville convened to promote the designation of the road Friday, October 16.

Michigan International Speedway announces new title sponsor for June race (WXYZ)
Michigan International Speedway announced a new three-year sponsorship for the June NASCAR Sprint Cup Series Race on Tuesday.

Firekeepers Casino replaces Quicken Loans in 2016 as NASCAR race title sponsor at MIS (Crains)
Battle Creek-based FireKeepers Casino Hotel has replaced Quicken Loans Inc. as title sponsor of the June NASCAR Sprint Cup race at Michigan International Speedway.

MSP
Troopers handle 7 car vs. deer crashes in 2 days (MLive)
The Michigan State Police Jackson Post provided the following report Tuesday morning, Oct. 20.

MSP crack down on distracted driving (C&G)
Drivers with their heads in the clouds may have met with the law recently.

Michigan State Police conduct sex offender sweep (ABC 10)
Michigan State Police troopers from the Negaunee Post have completed a sex offender sweep of 198 residences in Marquette County.

New forms help police track distracted driving mishaps (WOOD TV)
We all hear about the serious crashes involving distracted drivers.

Pilot program seeks to reduce illegal passing in Michigan (School Transportation News)

A pilot program intended to reduce the illegal passing of stopped school buses through the use of enhanced lights called the Driver Alert System (DAS) started Monday in Michigan at 10 school districts throughout the state.

LEGISLATIVE NEWS

Senate leader calls for vote on 'last, best' roads deal for Michigan (AP)
The leader of the Michigan Senate called Tuesday for votes on a "last, best" $1.2 billion road-funding plan he said legislative leaders had agreed to before talks stalled last week, saying his Republican counterpart in the House should send the legislation to a conference committee.

Senate calls for fast action on deal to fix state roads (Lansing State Journal)
Instead of cooling off, talks on a fix for Michigan's crumbling roads and bridges heated up on Tuesday when Senate Majority Leader Arlan Meekhof, R-West Olive, challenged the House of Representatives to put up the proposed deal for a vote.

Two state senators publicly debate road funding plans (WLNS)
Two senators gave the public a taste of where lawmakers stand when it comes to fixing Michigan's roads.

Hoadley: Work should resume on Michigan roads package by this week (WTVB)
Rep. Jon Hoadley of Kalamazoo expects discussions to restart this week on a funding package to fix Michigan's crumbling roads.

Michigan teacher evaluation bill heads to Snyder after final approval in Senate (MLive)
The Michigan Senate on Tuesday gave final approval to legislation that would create a new framework for teacher evaluations, replacing statewide rules that were set to take effect this school year.

Bill to set new standards for teacher evaluations (Detroit Free Press)
A bill setting new standards for teacher evaluations is on its way to Gov. Rick Snyder for his signature after the Senate gave final passage to the bill Tuesday morning.

DETROIT

Feds look at bank records in EAA, DPS corruption probe (The Detroit News)
The FBI and Justice Department subpoenaed personnel files and bank records or email account information for more than a dozen current and former officials at Gov. Rick Snyder's K-12 Detroit reform district as part of a wide-ranging corruption investigation, The Detroit News has learned.

Top officials, bank records focus of school probe (Detroit Free Press)
A sweeping federal corruption probe of the Education Achievement Authority began more than 16 months ago and is focused on current and former top officials as well vendor payments, documents show.

US DOJ, FBI investigate education achievement authority, Detroit Public Schools for corruption (International Business Times)

The U.S. Department of Justice and the FBI have sent subpoenas to get personnel files and bank records or email accounts of over a dozen current and former officials at Michigan Gov. Rick Snyder's K-12 reform district to investigate corruption allegations, according to a report Tuesday. The subpoenas come amid an investigation to probe whether officials from the Education Achievement Authority (EAA) and Detroit Public Schools (DPS) -- both created by Snyder -- received bribes from contractors.

Former American Motors Corp site sells for $600 (The Detroit News)
The former headquarters of American Motors Corp. sold Tuesday afternoon for a lone $600 bid in the county's tax foreclosure auction. The massive complex was a hub of Detroit innovation for more than eight decades, but became a dumping ground in just three years, according to a 2013 Detroit News article that highlighted its plight.

Land bank to sell properties to occupants for $1,000 (The Detroit News)
The Detroit Land Bank has become an unintended landlord, with about 4,500 of its properties estimated to have people living in them. Sometimes it's a former owner who lost the home to foreclosure. Others were renters who were left hanging when their landlords walked away. And still more are squatters who have taken over the vacant homes for their own. On Tuesday, the land bank finalized a pilot program to start selling the homes to those occupying them for $1,000 each.

Major development aims to reclaim state's eastern shore in Detroit (MLive)
Tuesday marked the official ground breaking at Orleans Landing, a $65-million mixed-use development covering about four square blocks on Detroit's east riverfront. It will bring around 270 market-rate apartments and 10,000-square-feet of retail space to a plot of land just a stone's throw from the Detroit river, an area that not long ago was completely taken up by industry and cement silos, according to speakers at Tuesday's ground breaking ceremony.

OPINION

Snyder gets the Boehner treatment (Detroit Free Press)
He doesn't cry in public or smoke in private, and he has no intention of resigning before the end of his current term. But in other ways, Rick Snyder is looking more and more like Michigan's version of John Boehner — and Snyder's second term looks increasingly like the political nightmare the outgoing speaker of the House is leaving behind.

Flint water crisis exposes Michigan's infrastructure funding problem (MLive)
It was great to see the Michigan Legislature come together and put politics aside as they voted unanimously in finding a resolution to the recent Flint drinking water crisis.

Snyder's lead-in-the-water crisis harks back to Milliken's trial by PBBs (MLive)
It seems every governor is tested at some point on issues he or she can't control. It's the kind of stuff that comes out of left field, and they don't prepare you for it in governor school.

Right to Work lawmakers impose their own 'union dues' (MLive)
When Republican legislators pushed through a contentious Right To Work law two years ago, they said they were freeing unionized workers from a system that "confiscated" a portion of employee paychecks through union dues.

Snyder's plan to fix Detroit's schools will fall on deaf legislative ears (Michigan Radio)
Governor Rick Snyder yesterday unveiled his new plan to fix Detroit Public Schools. Actually, it is a variation on one he put forth in April. Like that plan, it seems heavily based on the model General Motors adopted to emerge from bankruptcy.

Editorial: Fight poverty by curbing teen pregnancy (Detroit News)
Programs to reduce teen pregnancy in Michigan appear to be paying off with a lower rate of expectant teenagers, and that should pay off in a future drop in poverty. Initiatives that work should be supported and expanded.

Heise: Presumptive parole is safe, smart justice (Detroit News)
By now, you've probably read or heard about the notion of presumptive parole, a proposed reform that would give parole boards the directive to — under their supervision and control — grant minimum-sentence parole to low-danger individuals who meet a series of comprehensive requirements for release.

Editor's note: Minimum sentence bill not dangerous (Detroit News)
The law and order crowd is mounting an all-out effort to sink a common sense prison reform bill, fanning fears that it would release dangerous criminals on the streets.

Letter: DPS should focus on attracting teachers (Detroit News)
Year after year we read about appointments of high level administrators who too often are corrupt or incompetent and about attempts to restructure and reorganize the administrative set-up of the DPS. How come we seldom, if ever, hear about efforts to attract the best and brightest teachers to Detroit schools.

#####

From: Brown, Jessica (GOV)
Sent: Wednesday, October 21, 2015 1:48 PM
To: 'Tommasulo, Karen (DEQ)'
Subject: FW: Flint Water Task Force release
Attachments: PR 151020 Flint after action 6.docx

Here's the final for the Task Force release. It's probably made its way to you through Brad by now but this is the first I'm seeing it. Sending it your way just in case. We'll be issuing it between 2 and 2:15.

Jess

From: Murray, David (GOV)
Sent: Wednesday, October 21, 2015 1:34 PM
To: Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Heaton, Anna (GOV) <HeatonA@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>; Paciorek, Josh (GOV) <Paciorekj@michigan.gov>
Subject: Flint Water Task Force release

Dave Murray
Deputy Press Secretary | Executive Office of Governor Rick Snyder
MurrayD1@michigan.gov
517-335-6397, office
[redacted], mobile
Twitter:@michigandmurray

RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
EXECUTIVE OFFICE
LANSING

BRIAN CALLEY
LT. GOVERNOR

Contacts: Sara Wurfel or Dave Murray 517-335-6397	**FOR IMMEDIATE RELEASE** Wednesday, Oct. 21, 2015

Gov. Rick Snyder announces Flint Water Task Force to review state, federal and municipal actions, offer recommendations

Experts in public health, water management, environmental protection to focus on steps to protect residents

LANSING, Mich. – Gov. Rick Snyder today announced the creation of an independent advisory task force charged with reviewing actions regarding water use and testing in Flint and offer recommendations for future guidelines to protect the health and safety of all state residents.

Task force members include experts in public health and medicine, water management, and environmental protection from both sides of the aisle, and will be co-chaired by Ken Sikkema of Public Sector Consultants and Chris Kolb, of the Michigan Environmental Council. Also serving will be Dr. Matthew Davis of the University of Michigan Health System, Eric Rothstein, of the Galardi Rothstein Group and Dr. Lawrence Reynolds of Mott Children's Health Center in Flint.

"Transitioning back to the Detroit Water and Sewerage Department-Great Lakes Water Authority is a good first step to protecting public health in Flint, but it's not the last step," Snyder said. "Bringing in outside experts to evaluate our actions and help monitor and advise on potential changes to law, procedures and practices will be key to continuing work on the comprehensive action plan and ensuring safe drinking water for all the residents in Flint and all of Michigan."

Snyder said the administration will fully cooperate with task force members, saying he wants an unbiased report focusing on steps taken in the past and recommendations that could improve practices to ensure all residents have access to safe, clean water.

Ken Sikkema is a senior policy fellow at Public Sector Consultants, where he specializes in public finance, environment, and energy policy. Prior to joining the firm, Sikkema served in both the Michigan House and Senate, culminating with four years as Senate majority leader. He has also served as both an adjunct and visiting professor at Grand Valley State University.

Chris Kolb is president of the Michigan Environmental Council, a statewide coalition of 70 environmental, public health and faith-based nonprofit groups. Before joining the MEC, Kolb represented Ann Arbor in the state House for six years and served six years on the Ann Arbor City Council. He has been president of the MEC for six years.

Matthew Davis, M.D., M.A.P.P., is professor of pediatrics and internal medicine at the University of Michigan Health System and professor of public policy at the Gerald R. Ford School at the University of Michigan, having joined the faculty in 2000. Davis also is a professor of health management and policy at the School of Public Health. He previously served as the chief medical executive of the Michigan Department of Community Health/Department of Health and Human Services.

Eric Rothstein is a national water issues consultant and principal at the Galardi Rothstein Group. He served as an independent advisor on the creation of the Great Lakes Water Authority. Rothstein also has served as Jefferson County, Alabama's rate consultant and municipal adviser for litigation related to the county's bankruptcy and issuance of $1.7 billion in sewer warrants and led strategic financial planning for the City of Atlanta's Department of Watershed Management. He has more than 30 years of experience in water, wastewater and stormwater utility finance and rate-making assessments.

Lawrence Reynolds, M.D., is a pediatrician in Flint who serves as president of the Mott Children's Health Center. He received his medical degree from Howard University College of Medicine and has been in practice for 36 years. He has served as president of the Genesee County Medical Society and the Michigan Chapter of the American Academy of Pediatrics. He has been honored for his humanitarian and advocacy efforts on behalf of children from the Community Foundation of Greater Flint.

Snyder has said reconnecting with the authority is a critical step to resolving water quality issues and addressing related health concerns. It will not immediately resolve the city's problem with lead service lines or aging infrastructure. It will take time for pipes in Flint to become coated with the phosphate corrosion control.

To best protect public health, state and local authorities will continue to carry out steps outlined on Oct. 2 in a comprehensive action plan, including continued testing, the use of faucet filters and providing residents with accurate information about steps to eliminate lead exposure. The Michigan Departments of Environmental Quality and Health and Human Services are continuing to provide free water filters, free lead testing through the state laboratory for Flint water customers, and hiring additional staff to conduct health exposure monitoring for lead in drinking water.

####

From: Brown, Jessica (GOV)
Sent: Wednesday, October 21, 2015 3:12 PM
To: Wurfel, Brad (DEQ)
Subject: Accepted: FW: Flint actions meeting

From: Brown, Jessica (GOV)
Sent: Thursday, October 22, 2015 3:21 PM
To: Kennedy, Jordan (GOV); Biehl, Laura (GOV)
Subject: Example Comms. Plan - Flint H2O
Attachments: Comms plan_timeline - Flint water (V 10-7-15).docx

- Attached

Jessica M. Brown
Communications Representative
Executive Office of Michigan Governor Rick Snyder
O: 517-335-6397
M: [redacted]
BrownJ53@michigan.gov

Flint water action plan – next steps
Communications & Outreach Plan
DRAFT (10/7/2015)

Situation overview:
Water and concerns about lead levels in the city of Flint have been escalating since the city moved to the Flint River as its source of water after switching from DWSD in the spring of 2014 with local plans to move to a new water authority – the Karegnondi Water Authority or KWA – slated to be online in June 2016. Numerous tests have shown the water overall to be safe with non-detect lead levels when leaving Flint water treatment plan and below widely recognized federal action levels (15 ppb) in most surveillance monitoring. However, like many communities across the state and country, Flint's infrastructure is aging and hasn't been updated in decades, facing outdated lead service connections and lead pipes in individual homes. Some water tests have indicated definite elevated lead levels within some homes, neighborhoods and zip codes, with some children in those same areas also experiencing elevated lead levels, causing great concern for all parties.

Race, poverty and local governance (with city's history of emergency managers) have all been raised as issues or allegations, adding to the challenges.

Given all factors involved, it has been deemed prudent and best for public health and restoring confidence in water system to temporarily switch back to Detroit water, now governed by an entity called the Great Lakes Water Authority, as the city's water source until the new KWA is completed. A special technical advisory committee comprised of public health and drinking water experts has concurred and recommended such a path. The cost to do so is estimated at about $12M over nine months. The state is proposing to cover about half of the cost with the city ($2M) and community organizations (C.S. Mott Foundation at $4M) pledging to cover the balance.

Goals/objectives:
- Ensure governor and state focus is on protecting public health and ensuring safe, accessible drinking water and all the action steps that are being taken to help ensure those two priorities.
- Minimize and diffuse finger pointing and tension between all stakeholders.
- Effective, concise communication that makes it clear for both residents and schools what next steps are and that state is committed to doing everything it can to help address situation in partnership and collaboration with city and community leaders.
- Restore confidence in Flint water.
- Convey shared responsibility to address.

Action steps/tools with timeline:
Wednesday, Oct. 7
- Coordinate with MI Depts of Environmental Quality and Health & Human Services
- Coordinate with Mott Foundation

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- Find and finalize venue, logistics, establish security plan
    - Confirm live streaming capability and AV details (podium, sound system, mult box, lavalier and hand held mics, etc).
    - Determine visuals and room set up. Current plan is simply U.S., state of MI and city of Flint flags with "Taking Action on Flint Water" podium sign. (See attached).
    - Assure protest area, access and entrance points and plan, attendee list and contingency plans, etc
- Follow up discussions with DWSD, GLWA members (city, Oakland, Wayne & Macomb counties) and Mayor Duggan.
- Coordinate with Flint city communications
- Coordinate with DWSD/GLWA communications
- Coordination/briefing to MDE Superintendent of Schools Brian Whiston and DOC Director Heidi Washington

2 – 4:30 p.m. (TENATIVE)
- Expanded technical advisory committee meets to discuss and evaluate corrosion control plans as well as potential implications and benefits of switch back to Detroit water.

3:30 p.m.
Governor briefs Senate and House Republican leaders

4:30 p.m. (TENTATIVE – dependent on timing and outcome of technical advisory committee)
- Send media advisory with basic notice of planned 10 a.m. press conference "to make an announcement re: Flint water"
- Scheduling invites Sen. Ananich and Reps. Neely and Phelps to press conference (no specific details yet)

5 p.m.
Touch base conference call with EO, DEQ, DHHS teams to close loops, share all latest information, determine last needed action items.

6 p.m.
- Send draft plan, release and all related materials to Governor and team for review and edit.

Thursday, Oct. 8
8 a.m.
- Team arrives in Flint to set up
- Final edits on all materials due to comms team.
- DEQ Director Wyant briefs Sen. Ananich and Reps. Neely and Phelps on specifics of next steps/plan briefs
- Governor calls Cong. Dale Kildee and briefs him on next steps/plan
- Bill McBride briefs U.S. Sens. Gary Peters & Debbie Stabenow

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9 a.m.

- Meeting with Governor, Flint Mayor Walling, DEQ, DHHS, Mott Foundation to finalize details
- DEQ water testing lab and DHHS public health teams contact the Flint schools to share the testing results and next steps on protocol, actions
    - Flint Schools Superintendent Bilal Tawwab
    - Genesee Co. ISD Superintendent
- DHHS Dr. Eden Wells briefs Genesee Co. Health Dept/Health Officer Mark Valacak
- DEQ briefs Genesee Co. Drain Commissioner Jeff Wright
- SBO Director John Roberts contacts Senate and House Appropriations Chairs (Sen. Dave Hildendbrand & Rep. Al Pscholka) re: Detroit water switch and supplemental request
- DEQ Director Wyant and DHHS Director Nick Lyon contact respective budget subcommittee chairs and vice chairs (Sens. Marleau & Green and Reps. Roger Victory & Chris Afendoulis) re: Detroit water switch and supplemental request
- Harvey Hollins/Dennis Muchmore brief/invite other key stakeholders TBD
    - Select group of ministers and pastors
    - Flint Chamber
    - UM Flint
    - United Way
    - Flint Community Foundation

9:45 – 10 a.m.

- Prebriefing to walk through press conference run of show, last Qs, etc.,

10 – 10:30 a.m.

- Press conference kicks off

(SEE RUN OF SHOW/BRIEFING)

10:05 a.m.

- News release goes out; posted to web site
- Social media posts

<u>Qs/issues</u>

Funding positioning – Gov is "asking Legislature," "committed to finding match", etc.
Roles of legislators, i.e. Cong. Kildee, Sen. Ananich, Reps. Neely and Phelps

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From: Brown, Jessica (GOV)
Sent: Monday, November 02, 2015 9:53 AM
To: Eisner, Jennifer (DHHS)
Subject: RE: MDHHS Weekly Update

Thanks Jen

From: Eisner, Jennifer (DHHS)
Sent: Monday, November 02, 2015 9:51 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Wurfel, Sara (GOV) <Wurfels@michigan.gov>
Subject: MDHHS Weekly Update

Press Releases

- TBD Flint Update – Replacement Filters Available
- Wednesday, November 4 – Michigan Cancer Consortium
- Monday, November 9 – Cancer Survivorship
- November 12 – Diabetes Awareness Month

Events

- Wednesday, November 4 – Michigan Cancer Consortium
- Monday, November 9 – Director Lyon will speak at the Health Policy Forum at the Kellogg Center
- Thursday, November 12 – Diabetes Awareness Event at the Capitol

Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: [redacted]

From: Brown, Jessica (GOV)
Sent: Monday, November 02, 2015 10:02 AM
To: Boville, Daniela (GOV)
Subject: RE: MDHHS Weekly Update

Thanks again!

From: Boville, Daniela (GOV)
Sent: Monday, November 02, 2015 10:02 AM
To: Brown, Jessica (GOV) <BrownJ53@michigan.gov>
Subject: RE: MDHHS Weekly Update

Here's the updated one!

From: Brown, Jessica (GOV)
Sent: Monday, November 02, 2015 9:53 AM
To: Boville, Daniela (GOV) <BovilleD@michigan.gov>
Subject: FW: MDHHS Weekly Update

Can you add these too and then send back to me? thanks

From: Eisner, Jennifer (DHHS)
Sent: Monday, November 02, 2015 9:51 AM
To: Murray, David (GOV) <MurrayD1@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Wurfel, Sara (GOV) <WurfelS@michigan.gov>
Subject: MDHHS Weekly Update

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Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: [redacted]

From: Brown, Jessica (GOV)
Sent: Wednesday, November 11, 2015 9:11 AM
To: [redacted]
Subject: Fwd: Gruber Briefing

Sent from my iPhone

Begin forwarded message:

> **From:** "Brown, Jessica (GOV)" <BrownJ53@michigan.gov>
> **Date:** November 10, 2015 at 4:57:41 PM EST
> **To:** "Brown, Jessica (GOV)" <BrownJ53@michigan.gov>
> **Subject: Gruber Briefing**
>
> **RDS/SW- LIVE Radio interview with Steve Gruber on WJIM Radio**
>
> **Date:** Thursday, Nov. 12, 2015
>
> **Time:** 10:30-10:40 a.m.
>
> **RDS to call:**
>
> **Purpose:** Opportunity to talk about roads, Detroit schools and Flint water
>
> **Possible Topics:**
> - Roads package signing
> - Detroit education reform
> - Flint water testing
>
> **Recent Articles:**
> Road fix crashes again (Nov.2 – WJIM)
> http://wjimam.com/road-fix-crashes-again/
> Gov. Snyder signs $1.2B road funding package (Detroit Free Press)
> http://www.freep.com/story/news/politics/2015/11/10/gov-snyder-signs-12b-road-funding-package/75510548/
> Snyder signs long-term road funding plan: 'It's about investing in Michigan's Future' (MLive)
> http://www.mlive.com/lansing-news/index.ssf/2015/11/snyder_signs_long-term_road_fu.html
> Gov. Rick Snyder launches statewide tour to promote skilled trades (MLive)
> http://www.mlive.com/news/grand-rapids/index.ssf/2015/11/governor_snyder_launches_state.html
> Snyder's Michigan Caliphate (Oct. 21 – WJIM)
> http://wjimam.com/snyders-michigan-caliphate/
>
> **Last interview:** 4/20/15 re: Roads and 2015 priorities
>
> **Market:** Mid-Michigan / online – www.wjimam.com

Contact: 888-900-9966 studio line / 517-394-8218 back-up number

Jessica M. Brown
Communications Representative
Executive Office of Michigan Governor Rick Snyder
O: 517-335-6397
M: [redacted]
BrownJ53@michigan.gov

From: Brown, Jessica (GOV)
Sent: Monday, November 23, 2015 8:40 AM
To: Boville, Daniela (GOV)
Subject: FW: MDHHS Weekly Update

From: Eisner, Jennifer (DHHS)
Sent: Friday, November 20, 2015 3:01 PM
To: Wurfel, Sara (GOV) <WurfelS@michigan.gov>; Murray, David (GOV) <MurrayD1@michigan.gov>; Kennedy, Jordan (GOV) <KennedyJ4@michigan.gov>; Brown, Jessica (GOV) <BrownJ53@michigan.gov>
Cc: Lasher, Geralyn (DHHS) <lasherg@michigan.gov>; Minicuci, Angela (DHHS) <MinicuciA@michigan.gov>; Wheaton, Bob (DHHS) <Wheaton8@michigan.gov>
Subject: MDHHS Weekly Update

Press Releases:

- TBD - Flint EBL Data
- Monday, November 23 – Family Health History
- Tuesday, November 24 – Lung Cancer Awareness Month
- Monday, December 30 – Michigan 4x4 Grants Awarded

Speaking Engagements:

- Monday, November 23 – Chief Deputy Director Becker is speaking at the Bureau of Community Services staff meeting
- Tuesday, November 24 – Director Lyon is speaking at the National Adoption Day event at the Hall of Justice
- Tuesday, December 1 – Director Lyon is Speaking at a symposium on maternal health and mortality at the Henry Center

Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: [redacted]

From: Brown, Jessica (GOV)
Sent: Tuesday, December 08, 2015 4:54 PM
To: 'Eisner, Jennifer (DHHS)'
Cc: Biehl, Laura (GOV)
Subject: RE: Flint Update

Thanks Jen -- remind me where families can do if they need a new filter? Or if they want to request testing?

From: Eisner, Jennifer (DHHS)
Sent: Tuesday, December 08, 2015 4:53 PM
To: Brown, Jessica (GOV) <BrownJ53@michigan.gov>
Cc: Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: Flint Update

Jess and Laura:

Sorry for the delay..

1. How many people have been tested since Oct. 1?
    - Total of 1,836 tested, 39 elevated results
        - Children 0 – 5: 806 tested
        - Children 6 – 17: 525 tested
        - Adults: 505 tested

2. What are the most recent recommendations?
    - Testing children:
        - Children who live in the city of Flint should be tested for lead exposure. This should be done as soon as possible.
        - The best place to get your child's blood lead test is your doctor's office. Contact your primary care provider.
        - Children can also get a free lead test at the Genesee County Health Department. For help with transportation, call 2-1-1.
    - Protecting your family from lead in the water:
        - Get your water tested for lead. It's free. Call (810) 787-6537 to learn more.
        - Use a water filter in your home. MDHHS continues to provide free water filters and replacement cartridges to Flint residents at four locations, including the MDHHS Flint offices and the Genesee County Community Action Resource Department.
        - Run only cold water through the filter.
        - If you do not have a water filter, use bottled water for drinking and mixing formula.
        - Use filtered or bottled water for drinking (including making coffee, drink mixes, juice, baby formula), and cooking (even if you boil the water, the lead will stay in the water and food).
        - If you have to use unfiltered water for drinking or cooking, run the tap for five minutes before using the water
    - Safe cleaning:
        - Safe cleaning is important. Keeping your home clean and safe from lead hazards will help to protect your family.

- Buildings built before 1978 could have lead paint in them. Use wet paper towels to clean up paint chips and dust in these older buildings. Be sure to clean around windows, play areas, and floors.
- Wash hands and toys often with soap and water.
- You can use unfiltered tap water to wipe down countertops, mop floors, and wash clothes

- Good nutrition:
  - Some foods will help keep lead from being stored in a child's body, and therefore good nutrition is important.
  - Eat and provide your family with foods that have a lot of calcium, iron and vitamin C.
  - Foods include:
    1. Calcium – milk, cheese, yogurt, tofu, spinach
    2. Iron – beans, lean meats like fish and chicken, whole grain cereals, peanut butter
    3. Vitamin C – oranges, orange juice, grapefruits, tomatoes, green peppers

Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: [redacted]

From: Brown, Jessica (GOV)
Sent: Tuesday, December 08, 2015 4:56 PM
To: Eisner, Jennifer (DHHS)
Cc: Biehl, Laura (GOV)
Subject: RE: Flint Update

THANK YOU – I think we're good. Appreciate it!

From: Eisner, Jennifer (DHHS)
Sent: Tuesday, December 08, 2015 4:55 PM
To: Brown, Jessica (GOV) <BrownJ53@michigan.gov>
Cc: Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: RE: Flint Update

MDHHS continues to provide free water filters and replacement cartridges to Flint residents at four locations, including the **MDHHS Flint offices and the Genesee County Community Action Resource Department.**

Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: [redacted]

From: Brown, Jessica (GOV)
Sent: Tuesday, December 08, 2015 4:54 PM
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Cc: Biehl, Laura (GOV) <BiehlL@michigan.gov>
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            3. Vitamin C – oranges, orange juice, grapefruits, tomatoes, green peppers

Jennifer Eisner
Public Information Officer
Michigan Department of Health and Human Services
Office: 517-241-2112 or EisnerJ@michigan.gov
Cell: [redacted]

From: Brown, Jessica (GOV)
Sent: Tuesday, December 08, 2015 5:05 PM
To: Wurfel, Brad (DEQ)
Subject: RE: Goveneror talking point on Flint

Thanks Brad! As far as what was communicated to me, this is in line with what he was looking for. Appreciate the help!

From: Wurfel, Brad (DEQ)
Sent: Tuesday, December 08, 2015 4:57 PM
To: Brown, Jessica (GOV) <BrownJ53@michigan.gov>; Biehl, Laura (GOV) <BiehlL@michigan.gov>
Subject: Goveneror talking point on Flint

The DEQ continues implementing the Governor's 10-point action plan to protect kids and families in Flint. Worth noting are

1. SCHOOLS TESTING
   - The Governor's plan commits that DEQ will test water in every Flint school. To date, 8 schools in Flint have undergone a thorough inspection of their plumbing. Crews from the state are completing one to two schools each weekend.
   - The story has been the same in each school inspected: lead exposure has been limited to old drinking fountains and faucets that should have been changed out years ago. When these fixtures are run for a couple minutes, lead presence drops to safe levels. If / when these fixtures are removed, it will address the lead exposure in schools.
   - DEQ has not identified lead in the deeper plumbing of the schools. That's great news. It means fixing the issue will be comparatively inexpensive and quick.

2. COMMUNITY WATER TESTING
   - Since September, more than 500 residents have taken advantage of free home water sampling through the DEQ lab. Results are updated regularly on the DEQ web site, www.michigan.gov/FLINTWATER.
   - Residents are encouraged to continue taking advantage of this free service, but also are encouraged to get kids tested for blood lead levels.

3. LEAD SERVICE LINE REPLACEMENT
   - The only way to remove the threat of lead exposure in drinking water is to remove sources like old faucets and lead service lines. The DEQ is working with the city to develop a long-term plan for removing the service lines. This is complicated because the service line is the portion that runs from the city system to the residence. It's the part that is mostly on private property and is generally considered the customer's responsibility.
   - DEQ worked with Congressman Kildee to get EPA approval to use Revolving Loan Fund dollars to accomplish lead service line replacement.

OTHER VARIOUS ISSUES:
Cong. Kildee has renewed calls for loan forgiveness in Flint. The city owes the state approximately $20.8 million for past loans, and they're scheduled to be paid off in 2024. DEQ cannot forgive old loans; we can, however, build loan forgiveness into new loans. Forgiveness is presently capped at 30 percent on new loans.

City has called on DEQ to pay for fixes to the broader water distribution system on the idea that running river water through the system for 14 months ruined it. That's an unproven statement. The system has been in a serious state of disrepair for many years. We have not addressed this issue in the media. We are focused on the Governor's plan.

Lawmakers have called for the state to create a fund to provide wraparound services for the (Kildee says 7,000) kids exposed to Flint water situation. Don't know where the 7,000 number came from. DHHS has numbers of kids who actually have elevated blood lead levels. Again, not an issue we've addressed or plan to.

Brad Wurfel
Communications Director,
Michigan Department of Environmental Quality
wurfelb@michigan.gov
[redacted]

From: Brown, Jessica (GOV)
Sent: Wednesday, December 16, 2015 3:34 PM
To: Bedan, Morgan (GOV)
Subject: Media Breifings
Attachments: Thursday Year-end Media Briefings.docx

Morgan – still a couple TBD reporters. I'll email you as soon as I hear. These should match the new format. Copying Laura as I'm going with FLOM to Skubick.

Jessica M. Brown
Communications Representative
Executive Office of Michigan Governor Rick Snyder
O: 517-335-6397
M: [redacted]
BrownJ53@michigan.gov

RDS/DMurray - PRINT Interview – Mark Sanchez from Mi Biz – 616-834-3546

Location: By phone (616-834-3546) **-** Governor's Office

Market: Statewide / online – www.mibiz.com

Time: 2:30 – 2:45 p.m.

Purpose: Opportunity to highlight the successes in Michigan's reinvention during 2015.

Possible Topics:

- Switch Data Center legislation
- MEDC Cuts and MEGA credits
- Jobs/skilled trades
- Energy update
- Road Funding package
- Syrian Refugee Stance
- 2016 look-ahead

Recent articles:
Abate, then Switch: Las Vegas tech firm asks legislators to change Michigan tax law to benefit data center industry (Mi Biz)
http://mibiz.com/item/23115-abate,-then-switch-las-vegas-tech-firm-asks-legislators-to-change-michigan-tax-law-to-benefit-data-center-industry
Could retail medical marijuana thrive in West Michigan?
http://mibiz.com/item/23114-could-retail-medical-marijuana-thrive-in-west-michigan
Economic developers remain optimistic despite MEDC cuts (Mi Biz)
http://mibiz.com/item/22928-economic-developers-remain-optimistic-despite-medc-cuts
State, General Motors agree to cap MEGA credits at mystery amount (MLive)
http://www.mlive.com/lansing-news/index.ssf/2015/12/state_and_gm_agree_to_cap_mega.html
Switch data center tax break bills delayed – not dead – in Michigan House (MLive)
http://www.mlive.com/lansing-news/index.ssf/2015/12/switch_data_center_tax_break_b_2.html

Last interview: 5/5/15 re: Venture Capital and Entrepreneurship Reports

Contact: Mark Cell: [redacted] Back-up/Office: 616-608-6170

RDS/LBiehl - TAPED TV Interview with TBD from 9 & 10 News

Location: Governor's Conference Room

Market: Northern / online – http://www.9and10news.com/

Time: 2:50 – 3 p.m.

Purpose: Opportunity to highlight the successes in Michigan's reinvention during 2015.

Possible Topics:

- Pipeline Task Force
- Energy update
- Road Funding package
- Jobs/skilled trades
- Syrian Refugee Stance
- 2016 look-ahead

Recent articles:

Gov. Rick Snyder takes steps to regulate Michigan Pipelines (9 & 10)
http://www.9and10news.com/story/29956151/gov-rick-snyder-takes-steps-to-regulate-michigan-pipelines
Gov. Rick Snyder makes move to assist Michigan's Energy Concerns (9 & 10)
http://www.9and10news.com/story/29612146/gov-rick-snyder-makes-move-to-assist-michigans-energy-concerns
Gov. Rick Snyder celebrates 10-year anniversary of big UP Land Deal (9 & 10)
http://www.9and10news.com/story/29774595/gov-rick-snyder-celebrates-10-year-anniversary-of-big-up-land-deal
Snyder creates PAC to support problem-solvers (Marquette Mining Journal)
http://www.miningjournal.net/page/content.detail/id/626316.html
Despite Soo shutdown, new lock a long shot (Detroit Free Press)
http://www.freep.com/story/news/local/michigan/2015/08/29/soo-locks-shutdown-expansion/71392210/

Last interview: 3/13/15 re: U.P. trip and Northern Michigan University visit, was part of roundtable with three U.P. stations

Contact: Newsroom: 231-876-9711

RDS/JBrown: TAPED TV Interview with TBD from ABC 12 - WJRT

Location: Governor's Office

Time: 3:05 – 3:15 p.m.

Market: Flint Metro / Online at abc12.com

Purpose: Opportunity to highlight the successes in Michigan's reinvention during 2015.

Possible Topics:

- Flint water
- Flint emergency manager
- Switch Data Center legislation
- MEDC Cuts and MEGA credits
- Jobs/skilled trades
- Energy update
- Road Funding package
- Syrian Refugee Stance

- 2016 look-ahead

Recent articles:
Gov. Snyder reacts to Trump comparison (ABC 12)
http://www.abc12.com/home/headlines/Gov-Snyder-reacts-to-Trump-comparison-361708701.html
Flint mayor declares state of emergency (ABC 12)
http://www.abc12.com/home/headlines/Flints-Mayor-asking-for-state-of-emergency--362152551.html
Water from FEMA arrives Monday at Food Bank of Eastern Michigan (ABC 12)
http://www.abc12.com/news/headlines/Water-from-FEMA-arrives-Monday-at-Food-Bank-of-Eastern-Michigan-361814301.html
Michigan DEQ says 39 adults, children have high blood lead levels in Flint (ABC 12)
http://www.abc12.com/news/headlines/Michigan-DEQ-says-39-adults-children-have-high-blood-lead-levels-in-Flint-361615871.html
Ex-emergency manager says he's not to blame for Flint River water switch (MLive)
http://www.mlive.com/news/flint/index.ssf/2015/10/ex_emergency_manager_earley_sa.html
Is emergency manager law to blame for Flint water crisis? (Detroit Free Press)
http://www.freep.com/story/news/politics/2015/10/24/emergency-manager-law-blame-flint-water-crisis/74048854/

Last interview: 4/30/15 re: Part of the Safe Roads Yes bus tour prior to the election on May 5. Interview will highlight the need to fix Michigan's roads.

Contact: Mark McGlashen, Special Projects: 810-257-2815; Newsroom: 810-257-2800

RDS/DMurray: TAPED RADIO Interview with Ryan Hermes from Michigan Radio Network (no specific call numbers, plays on statewide affiliates)

Location: Governor's Conference Room

Market: Market: Michigan Radio Network affiliates statewide

Time: 3:20 – 3:30 p.m.

Purpose: Opportunity to highlight the successes in Michigan's reinvention during 2015.

Possible Topics:
- Energy update
- DPS/EAA
- Immunization waivers
- 2016 look-ahead
- Switch Data Center legislation
- Jobs/skilled trades
- Road Funding package
- Syrian Refugee Stance

Recent articles:
Data Centers get tax breaks after all-nighter from Michigan lawmakers (WEMU)
http://wemu.org/post/data-centers-get-tax-breaks-after-all-nighter-michigan-lawmakers
Gov. Snyder's decision on Syrian Refugees plays into what ISIS wants (Michigan Radio)

http://michiganradio.org/post/gov-snyders-decision-syrian-refugees-plays-what-isis-wants
Detroit: We won't move forward unless we learn to listen (WDET)
http://wdet.org/posts/2015/12/15/82113-detroit-we-wont-move-forward-unless-we-learn-to-listen/
Some parents of unvaccinated kids might be waiting for schools to force them to get waivers (Michigan Radio)
http://michiganradio.org/post/some-parents-unvaccinated-kids-might-be-waiting-schools-force-them-get-waivers#stream/0
Chickenpox vaccine debate: Amid Michigan outbreaks, State officials beg parents to keep children healthy (International Business Times)
http://www.ibtimes.com/chicken-pox-vaccine-debate-amid-michigan-outbreaks-state-officials-beg-parents-keep-2228051
Abate, then Switch: Las Vegas tech firm asks legislators to change Michigan tax law to benefit data center industry (Mi Biz)
http://mibiz.com/item/23115-abate,-then-switch-las-vegas-tech-firm-asks-legislators-to-change-michigan-tax-law-to-benefit-data-center-industry
State, General Motors agree to cap MEGA credits at mystery amount (MLive)
http://www.mlive.com/lansing-news/index.ssf/2015/12/state_and_gm_agree_to_cap_mega.html

Last interview: 11/4/15 re: To talk about passage of a long-term, sustainable and fiscally responsible roads solution.

Contact: Ryan Cell: [redacted]; Back-up/Office: 517-371-1766

RDS/JBrown: TAPED TV Interview with Andy Dominianni from News Ch. 3 - WWMT

Location: Governor's Office

Market: Market: West Michigan – www.wwmt.com

Time: 3:40 – 3:50 p.m.

Purpose: Opportunity to highlight the successes in Michigan's reinvention during 2015.

Possible Topics:

- Road Funding
- Syrian Refugees
- Terrorism Preparedness
- Detroit Renaissance
- Auto Industry
- Pure Michigan Campaign

Recent articles:
Michigan, GM agree to cap tax credits, won't specify amount (AP/WWMT)
http://www.wwmt.com/news/features/state/stories/Michigan-GM-agree-to-cap-tax-credits-won-39-t-specify-amount-242327.shtml#.VnGJjUorJhE
Petition to Gov. Snyder demands he welcome Syrian refugees (WWMT)
http://www.wwmt.com/news/features/state/stories/Petition-to-Gov-Snyder-demands-he-welcome-Syrian-refugees-234419.shtml#.VnGJrkorJhE

Wayne County: Accumulated $82 million deficit wiped out (WWMT)
http://www.wwmt.com/template/inews_wire/wires.regional.mi/2a64b3b0-www.wwmt.com.shtml#.VnGKjEorJhE
Several Detroit schools closed after teachers call in sick (WMMT)
http://www.wwmt.com/news/features/state/stories/Several-Detroit-schools-closed-after-teachers-call-in-sick-241008.shtml#.VnGJ1EorJhE
Lawmakers approve tax breaks for data centers in Mich. (WWMT)
http://www.wwmt.com/news/features/top-stories/stories/Lawmakers-approve-tax-breaks-for-data-centers-in-Mich-242664.shtml#.VnGKNkorJhE

Last interview: 5/1/15 re: Part of the Safe Roads Yes bus tour prior to the election on May 5. Interview will highlight the need to fix Michigan's roads (was with WWMT's Ryan Duffy).

Contact: Andy Cell: [redacted] Back-up (Missy Broderick, Assignment Editor): 269-388-4302; Newsroom: 269-388-4310

RDS/DMurray: TAPED TV Interview with Andrew Keller from TV 5 - WNEM

Location: Governor's Conference Room

Market: Market: Flint Metro / Saginaw / Online at WNEM.com

Time: 3:55 – 4:05 p.m.

Purpose: Opportunity to highlight the successes in Michigan's reinvention during 2015.

Possible Topics:

- Road Funding
- Syrian Refugees
- Terrorism Preparedness
- Detroit Renaissance
- Auto Industry
- Pure Michigan Campaign

Recent articles:
Snyder signs law letter school retirees return with pension (AP/WNEM)
http://www.wnem.com/story/30765916/snyder-signs-law-letting-school-retirees-return-with-pension
GM announces millions in investments in Mid-Michigan (WNEM)
http://www.wnem.com/story/30755192/gm-announces-millions-in-investments-in-mid-michigan
Flint mayor declares state of emergency over water crisis (WNEM)
http://www.wnem.com/story/30752206/flint-mayor-declares-state-of-emergency-over-water-crisis
Snyder speaks out against Trump on Muslim refugees (WNEM)
http://www.wnem.com/clip/12073105/snyder-speaks-out-against-trump-on-muslim-refugees
Skilled trades in high demand (WNEM)
http://www.wnem.com/story/30147309/skilled-trades-in-high-demand

Last interview: 4/39/15 re: Part of the Safe Roads Yes bus tour prior to the election on May 5. Interview will highlight the need to fix Michigan's roads (was with WNEM's Andrew Keller).

Contact: Andrew Cell: 989-395-0419; Newsroom: 989-758-2044

RDS/JBrown: TAPED TV Interview with TBD WLNS from TV 6 - WLNS

Location: Governor's Office

Market: Market: Lansing/Jackson, and online at www.wlns.com

Time: 4:10 – 4:20 p.m.

Purpose: Opportunity to highlight the successes in Michigan's reinvention during 2015.

Possible Topics:

- Road Funding
- Syrian Refugees
- Terrorism Preparedness
- Detroit Renaissance
- Auto Industry
- Pure Michigan Campaign

Recent articles:
Snyder signs law letting school retirees return with pension (WLNS)
http://wlns.com/2015/12/16/snyder-signs-law-letting-school-retirees-return-with-pension/
Michigan, GM agree to cap tax credits, won't specify amount (WLNS)
http://wlns.com/2015/12/15/michigan-gm-agree-to-cap-tax-credits-wont-specify-amount/
Skubick: Options of using Rainy Day funds to bail out Detroit may be drying up (WLNS)
http://wlns.com/2015/12/02/skubick-options-of-using-rainy-day-funds-to-bail-out-detroit-may-be-drying-up/
Snyder: $12M in grants to pay for skilled trades training, creating jobs (WLNS)
http://wlns.com/2015/11/25/snyder-12m-in-grants-to-pay-for-skilled-trades-training-creating-jobs/
Mayor declares emergency in Flint; FEMA aids city residents in water crisis (WLNS)
http://wlns.com/2015/12/15/fema-aides-the-city-of-flint-in-water-crisis/

Last interview: 5/4/15 re: Part of the Safe Roads Yes bus tour prior to the election on May 5. Interview will highlight the need to fix Michigan's roads (was with WLNS' Nick Perreault).

Contact: Newsroom: 517-372-1300